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BULLETIN  
OF  
AMHERST COLLEGE

*Annual Catalogue*

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*1949-1950*

Volume 39

Number 3

December, 1949



BULLETIN  
OF  
AMHERST COLLEGE



*Annual Catalogue*  
*1949-1950*

VOLUME 39

DECEMBER, 1949

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AMHERST COLLEGE BULLETIN

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VOLUME 39

DECEMBER 1949

NUMBER 3



# Contents

|   |     |
|---|-----|
| CALENDAR .....  | 4   |
| COLLEGE CALENDAR .....  | 5   |
| THE CORPORATION .....   | 7   |
| OFFICERS OF ADMINISTRATION .....                                | 9   |
| FACULTY .....   | 10  |
| AMHERST—A LIBERAL COLLEGE .....                                 | 19  |
| THE FOLGER SHAKESPEARE LIBRARY .....                            | 21  |
| I. GENERAL INFORMATION .....                                    | 23  |
| Admission .....   | 25  |
| Administration .....  | 29  |
| Tuition and Fees .....  | 33  |
| Scholarships and Beneficiary Aid .....                          | 35  |
| Degrees .....   | 37  |
| II. COURSES OF INSTRUCTION .....                                | 43  |
| Course Descriptions by Departments .....                        | 45  |
| III. LECTURESHIPS, HONORS, FELLOWSHIPS, PRIZES AND AWARDS ..... | 107 |
| Lectureships .....  | 109 |
| Honors .....  | 110 |
| Fellowships .....   | 112 |
| Prizes and Awards .....   | 117 |
| Degrees Conferred, 1948 .....                                   | 127 |
| IV. ENROLLMENT .....  | 135 |
| V. THE ALUMNI ASSOCIATIONS .....                                | 169 |
| APPENDICES .....  | 177 |
| I. Amherst College .....  | 179 |
| II. Scholarship Funds .....                                     | 180 |
| INDEX .....   | 184 |

1949

| JULY |    |    |    |    |    |    |
|------|----|----|----|----|----|----|
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| AUGUST |    |    |    |    |    |    |
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| SEPTEMBER |    |    |    |    |    |    |
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1950

| JANUARY |    |    |    |    |    |    |
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| AUGUST |    |    |    |    |    |    |
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| SEPTEMBER |    |    |    |    |    |    |
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| OCTOBER |    |    |    |    |    |    |
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| DECEMBER |    |    |    |    |    |    |
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1951

| JANUARY |    |    |    |    |    |    |
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| FEBRUARY |    |    |    |    |    |    |
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| JUNE |    |    |    |    |    |    |
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# College Calendar

1949

|          |                       |  |
|----------|-----------------------|--|
| Sept. 26 | Monday, 9:00 a.m.     | Beginning of Fall Semester             |
| Sept. 27 | Tuesday, 7:50 a.m.    | Beginning of Classes                   |
| Oct. 22  | Saturday (a holiday)  | Alumni Council Meeting                 |
| Nov. 12  | Saturday (a holiday)  | Williams Football Game at Williamstown |
| Nov. 23  | Wednesday, 12:40 p.m. | Beginning of Thanksgiving Recess       |
| Nov. 28  | Monday, 7:50 a.m.     | End of Thanksgiving Recess             |
| Dec. 17  | Saturday, 11:40 a.m.  | Beginning of Christmas Recess          |

1950

|         |   |                                   |
|---------|---|-----------------------------------|
| Jan. 2  | Monday, 7:50 a.m.                       | End of Christmas Recess           |
| Jan. 25 | Wednesday<br>through<br>Jan. 31 Tuesday | First Semester Examination Period |

|         |                      |                                     |
|---------|----------------------|-------------------------------------|
| Feb. 1  | Wednesday, 7:50 a.m. | Beginning of Spring Semester        |
| Mar. 25 | Saturday, 11:40 a.m. | End of Classes before Spring Recess |
| Mar. 25 | Saturday, 1 p.m.     | Beginning of Fraternity Rushing     |
| Mar. 27 | Monday, 12 noon      | Beginning of Spring Recess          |
| Apr. 10 | Monday, 7:50 a.m.    | End of Spring Recess                |
| May 13  | Saturday (a holiday) | Dance Holiday                       |
| May 30  | Tuesday (a holiday)  | Memorial Day                        |

Second Semester Examination Period

|          |                       |                                      |
|----------|-----------------------|--------------------------------------|
| June 3   | Saturday              | Commencement                         |
| June 11  | Sunday                | Opening Chapel Service               |
| Sept. 20 | Wednesday, 2 p.m.     | Beginning of Classes                 |
| Sept. 21 | Thursday, 7:50 a.m.   | Wesleyan Football Game at Middletown |
| Oct. 28  | Saturday (a holiday)  | Alumni Council Meeting               |
| Nov. 18  | Saturday (a holiday)  | Beginning of Thanksgiving Recess     |
| Nov. 29  | Wednesday, 12:40 p.m. | End of Thanksgiving Recess           |
| Dec. 4   | Monday, 7:50 a.m.     | Beginning of Christmas Recess        |
| Dec. 20  | Wednesday, 12:40 p.m. |                                      |

1951

|         |                                       |                                     |
|---------|---------------------------------------|-------------------------------------|
| Jan. 4  | Thursday, 7:50 a.m.                   | End of Christmas Recess             |
| Jan. 19 | Friday<br>through<br>Jan. 25 Thursday | First Semester Examination Period   |
| Jan. 29 | Monday, 7:50 a.m.                     | Beginning of Spring Semester        |
| Mar. 24 | Saturday, 11:40 a.m.                  | End of Classes before Spring Recess |
| Mar. 24 | Saturday, 1:00 p.m.                   | Beginning of Fraternity Rushing     |
| Mar. 26 | Monday, 12:00 noon                    | Beginning of Spring Recess          |
| Apr. 9  | Monday, 7:50 a.m.                     | End of Spring Recess                |
| May 12  | Saturday (a holiday)                  | Dance Holiday                       |
| May 30  | Wednesday (a holiday)                 | Memorial Day                        |
| May 28  | Monday<br>through<br>June 9 Saturday  | Second Semester Examination Period  |
| June 10 | Sunday                                | Commencement                        |



# The Corporation

CHARLES WOOLSEY COLE, PH.D., LITT.D., L.H.D., LL.D., SC.D.

*President of the College*

Amherst, Mass.

PAUL DYESS WEATHERS, M.B.A.

*Treasurer of the Corporation*

Amherst, Mass.

ARTHUR LEE KINSOLVING, D.D.

New York, N. Y.

GEORGE EDWIN PIERCE, B.A.

Boston, Mass.

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Phoenix, Ariz.

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Deerfield, Mass.

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HENRY SELDEN KINGMAN, B.A.

Minneapolis, Minn.

FRANCIS T. P. PLIMPTON, LL.B.

New York, N. Y.

CHARLES BELCHER RUGG, M.A., LL.B.

Boston, Mass.

\*CLARENCE FRANCIS, B.S.

New York, N. Y.

\*EDWARD WILLIAMS EAMES, L.H.D.

South Byfield, Mass.

\*RICHARD HARRINGTON GREGORY, B.A.

Montclair, N. J.

\*JOHN JAY MCCLOY, LL.D.

Washington, D. C.

\*CARROLL BLAKELY LOW, LL.B.

New York, N. Y.

\*WILLARD LONG THORP, LL.D.

Washington, D. C.

---

JAMES ALFRED GUEST, LL.B.

Amherst, Mass.

*Secretary of the Corporation*

PRESIDENT EMERITUS AND TRUSTEE EMERITUS†

STANLEY KING, LL.D.

Amherst, Mass.

TRUSTEE EMERITUS†

ROBERT WASHBURN MAYNARD, LL.B.

Boston, Mass.

\* The terms of the Alumni Trustees expire as follows: CLARENCE FRANCIS, 1950; EDWARD WILLIAMS EAMES, 1951; RICHARD HARRINGTON GREGORY, 1952; JOHN JAY MCCLOY, 1953; CARROLL BLAKELY LOW, 1954; WILLARD LONG THORP, 1955.

† A life trustee who resigns shall be eligible for election by the Board of Trustees as trustee emeritus if in the opinion of the Board of Trustees he shall have rendered outstanding service to the College during his trusteeship. A trustee emeritus shall have all the privileges of a member of the Board except that of voting at the meetings of the Board or of serving as a member of a standing committee. The trustees emeriti shall retain the processional order which they held at the time of their retirement. (Adopted by the Board of Trustees of Amherst College, January 17, 1943.)

### *Committees of the Corporation*

The Chairman of the Corporation and the President of the College are members, *ex officio*, of all committees.

*Executive Committee:* Messrs. BOYDEN, DOUGLAS, FALES (Chairman), FRANCIS, GREGORY, KINGMAN, LOW, McCLOY, PIERCE, PLIMPTON, RUGG, SELIGMAN, THORP, WEATHERS.

*Finance Committee:* Messrs. FALES, GREGORY, KINGMAN, PIERCE (Chairman), RUGG, WEATHERS.

*Budget Committee:* Messrs. EAMES, FRANCIS, GREGORY (Chairman), LOW, WEATHERS.

*Instruction Committee:* Messrs. BOYDEN, DOUGLAS, EAMES (Chairman), KINSOLVING, LOW, McCLOY, PLIMPTON, SELIGMAN, THORP.

*Buildings and Grounds Committee:* Messrs. BOYDEN, FALES, GREGORY, KINGMAN, LOW (Chairman), WEATHERS.

*Honorary Degrees Committee:* Messrs. BOYDEN, DOUGLAS, KINSOLVING, PIERCE, PLIMPTON (Chairman), RUGG, THORP.

*Folger Shakespeare Library Committee:* Messrs. BOYDEN, FALES, GREGORY, KINSOLVING, McCLOY, SELIGMAN (Chairman), THORP, WEATHERS.

*Joseph B. Eastman Foundation Committee:* Messrs. DOUGLAS, FALES, KINGMAN, McCLOY, RUGG (Chairman), THORP.

*Committee on Fraternities:* Messrs. GREGORY (Chairman), KINGMAN, LOW, PLIMPTON, RUGG.

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CHARLES SCOTT PORTER, M.A. *Dean*

EUGENE SMITH WILSON, B.A.

*Associate Dean and Director of Admission*

✓ THEODORE SPAULDING BACON, JR., B.A.

*Assistant Dean and Assistant Director of Admission*

GLADYS ALICE KIMBALL, B.S.

*Recorder*

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✓ PAUL DYESS WEATHERS, M.B.A.

*Treasurer*

HERBERT GALE JOHNSON, B.A.

*Comptroller*

✓ HENRY BANGS THACHER, M.A. *Superintendent of Buildings and Grounds*

✓ GORDON BENJAMIN BRIDGES

*Director of Dining Halls and Director of Personnel*

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✓ JOHN BOWEN COBURN, B.D.

*Chaplain*

✓ KENRICK MARTIN BAKER, JR., B.D.

*Assistant Chaplain*

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LLOYD PAUL JORDAN, M.A.

*Director of Intercollegiate Athletics*

ELLSWORTH ELLIOTT RICHARDSON, M.A.

*Director of Freshman Physical Education and Athletics*

---

STEPHEN BROWN, M.D.

*College Physician*

OSCAR DONALD CHRISMAN, M.D.

*Associate College Physician*

NORMAN LEO CRESSY, M.D.

*Associate College Physician*

---

✓ JAMES ALFRED GUEST, LL.B.

*Secretary of the Alumni Council*

✓ HORACE WILSON HEWLETT, M.A.

*Director of Public Relations*

ARTHUR DAVENPORT, B.A.

*Fraternity Business Manager and Business Advisor to Student Activities*

JOHN CLEMENT SCHULER

*Director of the Band*



# Faculty

CHARLES WOOLSEY COLE, PH.D., L.H.D., SC.D., LITT.D., LL.D.

*President of the College*

CHARLES SCOTT PORTER, M.A.

*Dean of the College*

EUGENE SMITH WILSON, B.A. *Associate Dean and Director of Admission*

THEODORE SPAULDING BACON, JR., B.A.

*Assistant Dean and Assistant Director of Admission*

STANLEY KING, LL.D.

*President of the College, Emeritus*

## *The Faculty Is Arranged Alphabetically in Rank*

ARTHUR HENRY BAXTER, PH.D.

*Professor of Romance Languages, Emeritus*

CLARENCE WILLIS EASTMAN, PH.D.

*Professor of German Language and Literature, Emeritus*

THOMAS CUSHING ESTY, LL.D.

*Walker Professor of Mathematics, Emeritus*

ROBERT STILLMAN FLETCHER, B.A.

*Otis Librarian, Emeritus*

FRANCIS HOWARD FOBES, PH.D.

*Class of 1880 Professor of Greek, Emeritus*

OTTO CHARLES GLASER, PH.D.

*Edward S. Harkness Professor of Biology, Emeritus*

ALFRED SHEPARD GOODALE, B.A.

*Associate Professor of Botany, Emeritus*

WILLIAM JESSE NEWLIN, M.A.

*Professor of Philosophy and Mathematics, Emeritus*

WILLIAM TINGLE ROWLAND, PH.D.

*Professor of Latin, Emeritus*

JOSEPH OSGOOD THOMPSON, PH.D.

*Professor of Physics, Emeritus*

CHARLES HANSEN TOLL, PH.D.

*Professor of Philosophy and Psychology, Emeritus*

SAMUEL ROBINSON WILLIAMS, PH.D., SC.D.

*Eliza J. Clark Folger Professor of Physics, Emeritus*

ROBERT FROST, L.H.D., LITT.D.

*Simpson Lecturer in Literature*

GEOFFROY ATKINSON, PH.D.

*Professor of Romance Languages on the Eliza J. Clark Folger Foundation*

GEORGE WILLIAM BAIN, PH.D.

*Samuel A. Hitchcock Professor of Mineralogy and Geology*

THEODORE BAIRD, PH.D.

*Samuel Williston Professor of English*

RALPH ALONZO BEEBE, PH.D.

*Massachusetts Professor of Chemistry*

REUBEN ARTHUR BROWER, PH.D.

*Class of 1880 Professor of Greek and English*



BAILEY LEFEVRE BROWN, M.A. *Professor of Mathematics*

\* FAYETTE CURTIS CANFIELD, B.A.

*Professor of Dramatics and Director of the Kirby Memorial Theater*

LESTER VERNON CHANDLER, PH.D.

*Professor of Economics*

PAUL WITHERSPOON ECKLEY, M.A.

*Professor of Physical Education*

\* GEORGE ROY ELLIOTT, PH.D., LITT.D.

*Professor of English on the Henry C. Folger Foundation*

REGINALD FOSTER FRENCH, PH.D.

*Professor of Romance Languages*

\* GEORGE BANKS FUNNELL, M.A.

*Professor of French*

STEWART LEE GARRISON, M.A.

*Professor of English and Public Speaking*

WARREN KIMBALL GREEN, PH.D.

*Professor of Astronomy, Director*

*of the Observatory on the Sidney Dillon Foundation, and Faculty Marshal*

† WILLIAM DENIS JOHNSTON, M.A., LL.M.

*Visiting Professor of Dramatic Arts and Visiting Director  
of the Kirby Memorial Theatre*

LLOYD PAUL JORDAN, M.A.

*Professor of Physical Education and Director of Intercollegiate Athletics*

GAIL KENNEDY, PH.D.

*Professor of Philosophy*

✓ GEORGE WALLACE KIDDER, PH.D.

*Stone Professor of Biology*

STERLING POWER LAMPRECHT, PH.D.

*Professor of Philosophy*

✓ EARL LATHAM, PH.D.

*Joseph B. Eastman Professor of Political Science*

\* KARL LOEWENSTEIN, D.C.L.

*William Nelson Cromwell Professor of Jurisprudence  
and Political Science*

ALBERT ERNEST LUMLEY, M.A.

*Professor of Physical Education*

OTTO MANTHEY-ZORN, PH.D.

*Professor of German on the Emily C. Jordan Folger Foundation*

ALLISON WILSON MARSH, M.ED.

*Professor of Hygiene and*

*Physical Education and Director of the Gymnasium*

NEWTON FELCH McKEON, JR., B.A.

*Professor of English and Director of the Converse Memorial Library*

CHARLES HILL MORGAN, PH.D.

*Professor of Fine Arts on the William R. Mead Foundation*

VINCENT MORGAN, MUS.M.

*Professor of Music*

LAURENCE BRADFORD PACKARD, PH.D.

*Anson D. Morse Professor of History*

HAROLD HENRY PLOUGH, PH.D.

*Edward S. Harkness Professor of Biology*

STANLEY CURTISS ROSS, B.A., LL.D.

*Visiting Professor of Economics*

EDWARD DWIGHT SALMON, PH.D.

*Winkley Professor of History*

\* ANTHONY SCENNA, PH.D.

*Professor of German*

OSCAR EMILE SCHOTTÉ, SC.D.

*Rufus Tyler Lincoln Professor of Biology*

\* Absent on leave for the second semester.

† Second semester.

✓ CHARLES LAWTON SHERMAN, PH.D.

*Professor of History and Political Science*

THEODORE SOLLER, PH.D.

*Professor of Physics*

\*ATHERTON HALL SPRAGUE, PH.D.

*Professor of Mathematics*

WILLIAM WARREN STIFLER, PH.D.

*Professor of Physics*

GEORGE ROGERS TAYLOR, PH.D.

*Professor of Economics*

FREDERICK KING TURGEON, PH.D.

*Professor of French*

COLSTON ESTEY WARNE, PH.D.

*Professor of Economics*

GEORGE FRISBIE WHICHER, PH.D.

*Professor of English on the Frank L. Babbott Endowment*

ROBERT BYRON WHITNEY, PH.D.

*Professor of Chemistry*

✓ RALPH COPLESTONE WILLIAMS, PH.D.

*Professor of French*

ROBERT HERMANN BREUSCH, PH.D.

*Associate Professor of Mathematics and Physics*

STEPHEN BROWN, M.D.

*College Physician*

OSCAR DONALD CHRISMAN, M.D.

*Associate College Physician*

✓ PHILIP HALL COOMBS, B.A.

*Associate Professor of Economics*

GEORGE ARMOUR CRAIG, PH.D.

*Associate Professor of English*

NORMAN LEO CRESSY, M.D.

*Associate College Physician*

DAVID CALDWELL GRAHAME, PH.D.

*Associate Professor of Chemistry*

\*ALFRED FREEMAN HAVIGHURST, PH.D.

*Associate Professor of History*

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*Associate Professor of Classics*

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*Associate Professor of Psychology*

✓ JAMES ALFRED MARTIN, JR., PH.D.

*Associate Professor of Religion*

HENRY GEORGE MISHKIN, PH.D.

*Associate Professor of Music*

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*Assistant Professor of Physical Education and Director of*

*Freshman Physical Education and Athletics*

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*Associate Professor of History*

✓ ALBERT ELMER WOOD, PH.D.

*Associate Professor of Biology*

✓ BENJAMIN MUNN ZIEGLER, LL.B., PH.D.

*Associate Professor of Political Science*

EDWARD AMES, M.A.

*Assistant Professor of Economics*

CÉSAR LOMBARDI BARBER, B.A.

*Assistant Professor of English*

BRUCE BUZZELL BENSON, PH.D.

*Assistant Professor of Physics*

JOHN BOWEN COBURN, B.D.

*Chaplain*

WILLIAM MARTIN FAIRBANK, PH.D.

*Assistant Professor of Physics*

LYNE STARLING FEW, M.A.

*Assistant Professor of Philosophy and the Humanities*

✓ WILLIAM WALKER GIBSON, JR., M.A.

*Assistant Professor of English*

FRANK LAURENCE GILLESPIE

*Assistant Professor of Physical Education*

CONRAD JOSEPH HEMOND, JR., M.S.

*Assistant Professor of Physics*

\* Absent on leave for the second semester.

|                                  |  |
|----------------------------------|--|
| TAYLOR HINTON, PH.D.             | <i>Assistant Professor of Biology</i>  |
| ✓ ERNEST ALFRED JOHNSON, M.A.    | <i>Assistant Professor of Romance Languages</i>  |
| ✓ WINTHROP OTIS JUDKINS, M.A.    | <i>Assistant Professor of Fine Arts</i>  |
| MICHAEL JOSEPH KENNEDY           | <i>Assistant Professor of Physical Education<br/>and Assistant Director of the Gymnasium</i> |
| ✓ MELVIN KRANZBERG, PH.D.        | <i>Assistant Professor of History</i>  |
| JOSEPH THOMAS MARAS, B.ED.       | <i>Assistant Professor of Physical Education</i>   |
| RALPH CLELAND MCGOUN, JR., M.A.  | <i>Assistant Professor of Dramatics</i>  |
| JOHN ANDREW MOORE, PH.D.         | <i>Assistant Professor of Classics and Humanities</i>  |
| RICHARD DUNN NORTHCRAFT, PH.D.   | <i>Assistant Professor of Biology</i>  |
| PETER OUROUSSOFF, B.-es.-l.      | <i>Visiting Assistant Professor of Russian</i>   |
| MURRAY BISBEE PEPPARD, PH.D.     | <i>Assistant Professor of German</i>   |
| CHARLES ENSIGN ROGERS, M.A.      | <i>Assistant Professor of Fine Arts and Dramatics</i>  |
| STEVEN MARTIN ROSTAS, M.ED.      | <i>Assistant Professor of Physical Education</i>   |
| DAVID TODD, PH.D.                | <i>Assistant Professor of Chemistry</i>  |
| RICHARD EUGENE WILSON, B.A.      | <i>Assistant Professor of Physical Education</i>   |
| CHARLES BENJAMIN WOODBURY, PH.D. | <i>Assistant Professor of Psychology</i>   |
| KENRICK MARTIN BAKER, JR., B.D.  | <i>Assistant Chaplain</i>  |
| *OTIS CARY, B.A.                 |  |
| PHILIP ANDREW CHENOWETH, M.A.    | <i>Instructor in Geology</i>   |
| WENDELL VERNON CLAUSEN, PH.D.    | <i>Instructor in Classics</i>  |
| FRANCIS DANIEL DIBBLE, B.A.      | <i>Instructor in Public Speaking</i>   |
| WILLIAM LEIGHTON ECK, B.S.       | <i>Instructor in Physical Education</i>  |
| JAMES EELS, JR., B.A.            | <i>Instructor in Mathematics</i>   |
| DAVID MARTIN GOOD, M.A.          | <i>Instructor in Mathematics and Physics</i>   |
| HOLLIS WILBURN HUSTON, PH.D.     | <i>Instructor in Religion</i>  |
| KENNETH WILSON JOHNSON, M.A.     | <i>Instructor in Spanish</i>   |
| PETER MACFARLANE KEIR, M.P.A.    | <i>Instructor in Economics</i>   |
| ALBERT PAUL LINNELL, B.A.        | <i>Instructor in Astronomy</i>   |
| JOE CURD ROGERS, B.A.            | <i>Instructor in Physical Education</i>  |
| RICHARD NORTHROP ROSE, M.A.      | <i>Instructor in English</i>   |
| JEROME ROTHENBERG, M.A.          | <i>Instructor in Economics</i>   |
| JOHN ANTHONY SCOTT, M.A.         | <i>Instructor in History</i>   |
| WALLACE PANCOAST SCOTT, M.A.     | <i>Instructor in History</i>   |
| EDWARD ELLIOTT SINCLAIR, PH.D.   | <i>Instructor in Chemistry</i>   |
| WILLIAM DUANE STAHLMAN, B.S.     | <i>Instructor in English</i>   |
| RICHARD GILMAN VANPETERSILGE     | <i>Instructor in Physical Education</i>  |
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| GEORGE MACGREGOR WALLER, M.A.    | <i>Instructor in History</i>   |

\* Serving at Doshisha University, Kyoto, Japan.

## Associate

PHILIP TRUMAN IVES, PH.D.

*Research Associate in Biology*

## Assistants

|  |                |
|--|----------------|
| HERBERT PATRICK ADAMS, B.A.                        | <i>Biology</i> |
| PIERRE GEORGES ASTIER, Bachelier-ès-lettres        | <i>French</i>  |
| KATE DREYFUSS BREUSCH                              | <i>German</i>  |
| CARLOS ARTURO CASTANO, Licenciado en Filología     | <i>Spanish</i> |
| SOLOMON FREDERICK CUSHMAN, JR., B.A.               | <i>Physics</i> |
| ANDRÉ LUCIEN DANIÈRE, Diplôme d'Ingénieur agronome | <i>French</i>  |
| JOHN FRANCIS ELLIS, B.A.                           | <i>Biology</i> |
| JEAN DOMINIQUE FOURRÉ, Bachelier-ès-lettres        | <i>French</i>  |
| SELVA LARRAMENDI FRAKER, B.M.                      | <i>Spanish</i> |
| JOHN BROWNING GIBSON, B.S.                         | <i>Physics</i> |
| CHARLES DAVID GOODMAN, B.A.                        | <i>Physics</i> |
| SAMUEL GROSS, B.A.                                 | <i>Biology</i> |
| EDWARD GERHARDT HATLEM, B.A.                       | <i>Physics</i> |
| CHARLES SAMUEL KEEVIL, JR., B.A.                   | <i>Biology</i> |
| FRANÇOIS LAMY, Licence-ès-Sciences                 | <i>Biology</i> |
| RICHARD HUMBERT SANDS, B.A.                        | <i>History</i> |
| FRIEDRICH WERNER VON SCHULENBURG                   | <i>German</i>  |
| HOWARD EDWARDS SULLIVAN, JR., B.A.                 | <i>Biology</i> |
| FRANÇOIS MARIE THOMAS, Docteur-en-droit            | <i>French</i>  |

## Faculty Committees

*Committee of Six:* President COLE (Chairman, *ex officio*), Dean PORTER (Secretary, *ex officio*), Professors BEEBE, CHANDLER, FUNNELL, G. KENNEDY, G. R. TAYLOR, WHICHER.

*Committee on Educational Policy:* Professors CRAIG (Secretary), V. MORGAN, ROZWENC, WHITNEY (Chairman), ZIEGLER.

*Fellowship Committee:* President COLE (Chairman), Dean PORTER (Secretary), Professors BEEBE, SALMON, G. R. TAYLOR, WHICHER.

*Committee on Admission and Scholarships:* President COLE (Chairman), Dean PORTER, Dean WILSON (Secretary), Dean BACON, Professor V. MORGAN.

*Committee on Intercollegiate Athletics:* President COLE (Chairman), Dean PORTER (Secretary), Professors CHANDLER, JORDAN, and MARSH, and CRAIG PEARSON (President of the Student Council, *ex officio*).

*Lecture Committee:* Professors MARTIN, TURGEON, ZIEGLER (Chairman).

## Fellows

|   |                                     |
|---|-------------------------------------|
| ASA SCOTT ANDERSON, JR.                                     | Harvard University                  |
| <i>Amherst Memorial Fellow in Government</i>                |                                     |
| RUDOLPH PHILIPPI ATCON                                      | Harvard University                  |
| <i>Forris Jewett Moore Fellow in Philosophy and History</i> |                                     |
| HARRY GEORGE BARNES, JR.                                    | Columbia University                 |
| <i>Amherst Memorial Fellow in History</i>                   |                                     |
| DAVID RUSSELL FERRY   | Harvard University                  |
| <i>Henry P. Field Fellow in English</i>                     |                                     |
| THOMAS BONNER FLANAGAN                                      | Columbia University                 |
| <i>Henry P. Field Fellow in English</i>                     |                                     |
| FREDERICK DAVIS GREENE, II                                  | Harvard University                  |
| <i>Forris Jewett Moore Fellow in Chemistry</i>              |                                     |
| DOUGLAS HAMILTON HEATH                                      | Harvard University                  |
| <i>John Woodruff Simpson Fellow in Psychology</i>           |                                     |
| PHILIP STRONG HUMPHREY                                      | University of Michigan              |
| <i>Rufus B. Kellogg Fellow in Biology</i>                   |                                     |
| ANDREW LAWRENCE KELEMAN                                     | Princeton University                |
| <i>Amherst Memorial Fellow in Economics</i>                 |                                     |
| WALTER OSCAR LATZKO   | Columbia University                 |
| <i>Edward Poole Lay Fellow in Music</i>                     |                                     |
| JAMES ACKLEY MAXWELL, JR.                                   | Yale University                     |
| <i>Edward Poole Lay Fellow in Dramatic Arts</i>             |                                     |
| BASIL JUSTIN FONTENOY MOTT, JR.                             | Harvard University                  |
| <i>Amherst Memorial Fellow in Public Affairs</i>            |                                     |
| PETER WINDON MOYER  | Princeton University                |
| <i>Amherst Memorial Fellow in Economics</i>                 |                                     |
| WILLIAM RICHARD POIRIER                                     | Yale University                     |
| <i>John Woodruff Simpson Fellow in English</i>              |                                     |
| JOHN JOSEPH SCANLON   | Princeton University                |
| <i>Amherst Memorial Fellow in Public Affairs</i>            |                                     |
| HORACE SELDON   | Andover-Newton Theological Seminary |
| <i>John Woodruff Simpson Fellow in Theology</i>             |                                     |

- SPENCER SWEET SHANNON, JR. Yale University  
*George A. Plimpton Fellow in Geology*
- JOHN LESTER SHAW University of Rochester  
*John Woodruff Simpson Fellow in Medicine*
- WALTER MILTON SPINK Harvard University  
*John Woodruff Simpson Fellow in Fine Arts*
- PAUL WORDEN TAYLOR University of Rochester  
*John Woodruff Simpson Fellow in Medicine*
- JOHN MEANS THOMPSON Columbia University  
*Amherst Memorial Fellow in History*
- ROBERT GARLAND TUCKER Harvard University  
*John Woodruff Simpson Fellow in English*

## Amherst College Library

NEWTON FELCH McKEON, JR., B.A.

*Director*

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ROBERT STILLMAN FLETCHER, B.A.

*Otis Librarian, Emeritus*

---

KATHARINE CONOVER COWLES, B.A.

*Chief Cataloguer*

EBENEZER PORTER DICKINSON

*Acting Head of Circulation*

RUTH MARIE ERIT, B.A.

*Order Librarian*

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## Natural History Museum of Amherst College

TAYLOR HINTON, PH.D.

*Curator of Zoölogy*

GEORGE WILLIAM BAIN, PH.D.

*Curator of Geology*

RAYMOND EMIL SCHORTMANN

*Assistant Curator of Geology*

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## Snell Museum of Physics

THEODORE SOLLER, PH.D.

*Director*

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## Edward Hitchcock Memorial Room

RENA MARY DURKAN

*Curator*



## Museum of Fine Arts

CHARLES HILL MORGAN, PH.D.

*Director*

MARGARET CECILIA TOOLE, B.A.

*Assistant Curator of Painting*

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Worcester, Mass.

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Amherst, Mass.

*Professor of Fine Arts on the William R. Mead Foundation*

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New Haven, Conn.

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New York, N. Y.

*President of the American Academy in Rome*

FRANCIS HENRY TAYLOR, L.H.D.

New York, N. Y.

*Director of the Metropolitan Museum of Art*

PRESIDENT OF THE COLLEGE

Amherst, Mass.

*ex-officio*

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## Kirby Memorial Theater

FAYETTE CURTIS CANFIELD, B.A.

*Director*

CHARLES ENSIGN ROGERS, M.A.

*Designer*

RALPH CLELAND MCGOUN, JR., M.A.

*Technical Director*

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## Advisory Committee on Charitable Fund Awards

EDWIN BRADFORD ROBINSON, D.D.

Holyoke, Mass.

FRANK LEAROYD BOYDEN, L.H.D., LL.D.

Deerfield, Mass.



## Amherst—A Liberal College

The doors of Amherst College were first opened to students in 1821. Planned by a group of devout men who felt the need for an institution in western Massachusetts which would train "indigent young men of piety and talents" for the Congregational ministry, the College was founded through many gifts—large and small—of land, money, materials, and labor contributed by generous residents of Amherst and surrounding communities. Zephaniah Swift Moore, President of Williams College, answered the trustees' call to become Amherst's first president. After considerable discussion and over formidable opposition, in 1825 the Massachusetts legislature granted a charter authorizing the College to award the bachelor of arts degree.

Men and times have changed in the century and a quarter since Amherst's founding. While most of its early students were residents of the neighboring towns and country-side, today they come from almost every state in the nation and from many foreign lands. Its physical plant and resources now make the College one of the most fully equipped institutions of its kind in the country. Classrooms, laboratories, libraries, dormitories, and athletic and recreational equipment provide each undergraduate with adequate facilities for study, leisure, and healthy living. Scholarship funds have been accumulated so that no worthy student need be denied the experience of an Amherst education through lack of money. But despite growth and change, Amherst still subscribes to the basic ideals and principles of its founders.

Amherst was founded as a small college, and so it intends to continue. It has no wish for a greater enrollment. It views its mission now, as it did a hundred and twenty-eight years ago, to be that of an institution devoted to the individual student and his development. Though enrollment has increased from forty-seven undergraduates in Amherst's first year to a norm of eight hundred and fifty today, by contemporary standards the College is still small. Even with its present postwar enlargement, the ratio of teachers to students has been maintained at about one to ten.

Amherst has ever been and desires to remain a college of the liberal arts. Sciences, so necessary to an understanding of man and his environment, have been added to the curriculum, but always as part of a broad liberal education. A century ago the great majority of its students entered the ministry or followed a profession; today about fifty percent of Amherst's graduates go directly into business. Thorough preparation for many fields of graduate study is offered, but Amherst does not permit narrow, vocational subjects in any of its departments.

Amherst's faculty has always been one of its greatest sources of strength. Its members have been famous as teachers and distinguished as scholars. They are interested in growth outside as well as inside the classroom. While they may be involved in laboratory research or in the publication of books, they are at the same time an understanding, interested, friendly group of men to whom a student may turn for academic or personal guidance.

A sound key to the quality of a college's educational program lies in the record its graduates have made. Amherst is proud of the achievements of its sons: many have become clergymen, college presidents and scholars, business executives, journalists, and statesmen of high reputation. In government, for example, there have been a considerable number of Amherst men of national stature—a President of the United States, a Chief Justice of the Supreme Court, three speakers of the House of Representatives, Ambassadors to foreign states, a President of the International Bank, a Director of the Office of Defense Transportation. The most recent study of College graduates appearing in *Who's Who* showed Amherst second among American colleges in the percentage of alumni listed.

Though Amherst is proud of its heritage, it prefers to emphasize the importance of the present and to look forward toward the future. Today's students will be tomorrow's leaders. Amherst feels that its curriculum in the liberal arts and its supplementary facilities for the undergraduate's all-around development offer young men a sound, purposeful education for life.

## The Folger Shakespeare Library

By the will of the late HENRY CLAY FOLGER of the Class of 1879, there was bequeathed to the Trustees of Amherst College the Folger Shakespeare Memorial Library in Washington, D. C., together with an endowment for maintenance, later increased by the generosity of Mrs. FOLGER.

The building, located on East Capitol Street directly east of the Library of Congress, was erected at a cost of more than \$2,000,000. Its endowment now stands at nearly \$7,000,000, and its collections are valued at over \$2,500,000. On the Library's main floor are: an Exhibition Gallery with displays of rare books, manuscripts, paintings, and miscellaneous curios and works of art; an Auditorium in the form of a reproduction of the interior of an Elizabethan playhouse; a large Reading Room, representing a Tudor Banqueting Hall and hung with early tapestries; four Vaults, containing the rarest portions of the collections; a Reception Room for social purposes; and Administration Offices. On the second floor are: Private Studies for the use of visiting scholars; the Cataloguing and Bibliographical Room; the Photographic Laboratory; and a Wardrobe for theatrical costumes. On the third floor are stored the art collections and other museum material.

The Library concentrated its original collection largely upon the life, writings, and influence of William Shakespeare, but during the past two decades it has increased its rare books and manuscripts in related fields until today it has one of the largest collections in the world for the study of English history of the sixteenth and seventeenth centuries. Only the British Museum has a larger collection of early English books.

Under the plan of the Trustees of the College, in addition to maintaining its traditional interest in Shakespeare and English Renaissance literature, the Library will exploit other fields as well. Efforts will be made to expand it as an efficient laboratory of research and investigation. Aid and encouragement will be given literary and historical scholars capable of making the most significant use of the Library's great collection of source materials. It is further intended that the Library will develop the reference collections which scholars require for the efficient utilization of rare books and manuscripts.

Research facilities of the Library are not open to casual visitors, but permission to use them may be obtained by qualified scholars upon application to the Director. Interested individuals and groups are cordially invited to visit the FOLGER's public rooms.

## FOLGER LIBRARY OFFICERS

LOUIS BOOKER WRIGHT, PH.D., LITT.D.

*Director*

JAMES GILMER McMANAWAY, PH.D.

*Consultant in Bibliographical Research*

GILES EDWIN DAWSON, PH.D.

*Curator of Books and Manuscripts*

EDWIN ELIOTT WILLOUGHBY, PH.D., LITT.D.

*Chief Bibliographer*

PAUL SHANER DUNKIN, B.S.L.S., PH.D.

*Head Cataloguer*

## TRUSTEE COMMITTEE

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FREDERICK SAYWARD FALES, B.A.

RICHARD HARRINGTON GREGORY, B.A.

ARTHUR LEE KINSOLVING, D.D.

WILLARD LONG THORP, LL.D.

PAUL DYESS WEATHERS, M.B.A.

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# I

## *General Information*

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# Admission

## GENERAL STATEMENT

Admission to Amherst College is competitive. The College attempts to select for admission those applicants who seem best qualified to benefit from the opportunities offered by an Amherst education. The Committee on Admission, in judging the qualifications of applicants, pays particular attention to (1) academic performance in high school or preparatory school, (2) results of the College Entrance Examination Board Scholastic Aptitude and Achievement Tests, (3) the recommendation of the high school principal or headmaster, (4) evidence of a willingness to work, (5) the character, health, and extra curricular interests and achievements of the applicant. All freshmen admitted are candidates for the Bachelor of Arts degree.

## HOW AND WHEN TO APPLY FOR ADMISSION

*Correspondence regarding admission to the freshman class should be addressed to the Director of Admission, Amherst College, Amherst, Massachusetts.* Each applicant for admission to the freshman class must file a formal application with the Director of Admission, preferably before February 1 of the year in which he expects to be admitted. Under certain circumstances, later applications will be considered. The formal application should be accompanied by a check or money order for \$5.00 made payable to *The Trustees of Amherst College*. This application fee will not be refunded if the student withdraws his application or if his application is not acted upon favorably.

A preliminary application may be filed at any time prior to the applicant's senior year. Once this preliminary application has been filed and acknowledged, the College assumes the responsibility of forwarding all formal application forms at the proper time. No priority is given to early applications.

Entering students are admitted only at the beginning of the regular college year in September.

## INTERVIEW HOURS - ADMISSION OFFICE

The Admission Office is open on weekdays from 8:30 a.m. until 12:30 p.m. and 1:30 p.m. until 4:00 p.m. and on Saturdays from 8:30 a.m. un-

til 12:30 p.m., but from June 24, until Labor Day, the Admission Office (and all administrative offices) will be closed on Saturdays.

#### RECOMMENDED PREPARATION

The following minimum program of studies is recommended for students planning to enter Amherst College:

|                    |   |
|--------------------|---|
| English            | 4 years                                 |
| Mathematics        | 3 years                                 |
| Foreign Language   | 2 years or, if possible, 3 years of one |
| History            | 1 year                                  |
| Laboratory Science | 1 year                                  |

It should be noted that the College stresses sound preparation in certain subjects which are important implements for the many branches of college work. English, mathematics, and foreign language (ancient or modern or both) are the subjects in which entering students should show proficiency.

Students with particular interests may wish to modify the suggested program by taking more work in certain subjects and less in others. Such modification is wholly acceptable, provided there is evidence of adequate preparation in the basic fields of English, mathematics, and foreign language. Any deviation should be discussed in advance with the Director of Admission.

Students who are planning careers in medicine, engineering or the scientific professions should include in their secondary school programs at least two years of French or German, trigonometry, physics, and chemistry. Students thinking of engineering should also include a course in solid geometry.

#### SCHOLASTIC APTITUDE AND ACHIEVEMENT TESTS

All applicants for admission to the freshman class at Amherst are required to take certain tests given by the College Entrance Examination Board. Information on these tests may be obtained by writing the Amherst Admission Office.

The College Entrance Examination Board Tests are given four times a year. Applicants who are in their final year of preparatory work are expected to take the tests given on March 11, 1950. Applications for these examinations must be filed with the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey, at least a month prior to the date of the examination.



Information about these tests, location of examination centers, fees, etc., may be obtained by writing the College Entrance Examination Board, Box 592, Princeton, New Jersey.

#### REGENTS EXAMINATIONS

Applicants from the New York State public schools are expected to submit scores made on the Regents Examination in addition to the Scholastic Aptitude and Achievement Tests given by the College Entrance Examination Board.

#### ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

*Correspondence concerning admission of transfers should be addressed to C. Scott Porter, Dean.*

To be eligible for transfer the candidate must meet the following requirements:

1. His credits must satisfy the full entrance requirements of Amherst College.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank, and his general average at the institution he is leaving must correspond to or be better than the Amherst diploma average of seventy per cent.
3. He must present a statement of honorable dismissal.

Candidates for admission by transfer are admitted in September only.

Candidates should note that, in general, only students with a "B" average or better will be accepted for admission as transfers, and should further note that not more than ten transfers will be admitted to Amherst in September of 1949.

#### SPECIAL BOOKLET

A descriptive booklet entitled *This Is Amherst* may be had upon application to the *Director of Admission*.

#### COOPERATIVE ENGINEERING-SCIENCE PROGRAM WITH MASSACHUSETTS INSTITUTE OF TECHNOLOGY

In order to facilitate the combination of a liberal arts course with education in science and engineering, Amherst College has entered into a

cooperative arrangement with the Massachusetts Institute of Technology. Under this arrangement, and by properly planning his studies, a student of high standing may pursue a combined five years' program in which the first three years are spent at Amherst College and the last two at the Institute, leading to the degree of Bachelor of Arts from the College and to that of Bachelor of Science from the Institute upon completion of the combined course.

# Administration

## TERMS AND VACATIONS

The college year 1949-1950 includes two regular semesters of sixteen weeks each. In the fall semester there is a Thanksgiving recess of approximately five days, and a Christmas vacation of two weeks; and in the spring semester, a vacation of two weeks.

## ATTENDANCE AT COLLEGE EXERCISES

*The officer in general charge of matters concerning attendance at college exercises is the Dean of the College.*

Students are expected to attend promptly all classes and other prescribed exercises in the courses in which they are registered. Absences for certain recognized reasons are normally excused, and a reasonable number of unexcused absences is provided to cover other situations. These unexcused absences are intended primarily for use in minor emergencies and should be used with discretion.

Any student not on the Dean's List who takes more than the allowed number of unexcused absences from any class for any reason whatever is warned once by the Dean that he has taken an excessive number of absences. If he is absent again after such a warning, he is dropped from the course.

All official college vacations and holidays are announced on the College Calendar appearing on page 5 of this catalogue.

Morning chapel services are conducted Monday, Tuesday, Thursday and Friday mornings. All students are required to attend one-half of the chapel services each week.

## STUDENT DISCIPLINE

*The officer in general charge of student discipline and conduct is the Dean of the College.*

Conduct befitting a gentleman is expected at all times of students at Amherst College. It is assumed that undergraduates will understand what constitutes gentlemanly conduct without specific regulations forbidding particular actions.

The college reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable, and without assigning any further reason therefor; in such cases fees will not be refunded or remitted, in whole or in part, and neither the college nor any of its officers shall be under any liability whatsoever for such exclusion.

## RECORDS AND REPORTS

*The officer in charge of records and reports is the Recorder of the College.*

Reports of standing are sent to parents or guardians at the end of each term. Rank in each subject is reported as follows:

A, 90-100%; B, 80-89%; C, 70-79%; D, 60-69%; E, 50-59%; F, below 50%. The passing grade in each individual course is 60%, and an average grade of at least 70% is required for a degree.

## ROOMS AND BOARD

All students, unless specifically excused by the Dean, are required to live either in the dormitories of the College or in fraternity houses. Dormitory rooms are equipped with bed, mattress, pillow, chiffonier, desk, chairs, and bookcase or shelves. Occupants furnish their own blankets, linen, and towels, and may provide extra furnishings if they wish, such as rugs, curtains, lamps, etc. Room assignments are noted on the invoice from the Comptroller's Office.

All students are required to eat in Valentine Hall unless excused by the Dean. Board while students are hospitalized under the college health plan is included in the comprehensive fee.

## HEALTH AND PHYSICAL DEVELOPMENT

*The officer having general supervision of student health and physical development is the College Physician.*

The College Physician and his associates are members of the Department of Hygiene and Physical Education. They hold consulting hours twice daily at the Student Health Office in the Gymnasium. They keep themselves acquainted with the health of the students and provide for their proper treatment if ill. Every student is given a physical examination soon after his arrival and is advised as to his health and physical efficiency. No student will be admitted to Amherst College who has not been successfully vaccinated or who is unwilling to submit to such vaccination by the College Physician within three months after admission.

The College maintains an infirmary under the direction of the College Physician and has a consulting staff comprising surgeons, internists, and various specialists who are called by the College Physician in cases of serious illness.

A Health Fee of \$10 per semester is charged to all students. This entitles the student to medical and nursing care at the College Infirmary, as well as hospitalization in Northampton or Springfield, and the services of consultants, when recommended by the College Physician, up to a maximum of \$500.00 for any one student in a college year. The College

limits its responsibility to illnesses occurring while college is in session, including the expenses of medical treatment and hospitalization due to accidents on the athletic field or in connection with the ordinary and general procedures of the College. In the case of injuries from accidents of motor vehicles, trains, or aeroplanes either in traveling to or from Amherst or while resident in Amherst, the College's responsibility for medical and hospital expenses is limited to the services of the College Physician, the services of the Health Office, and care in the College Infirmary for a period not exceeding ten days. In such cases the College will not accept responsibility for medical or surgical bills of consultants, special nursing, or hospitalization in outside hospitals. The cost of prescription medication, glasses, and routine dentistry is not covered by the Health Fee.

Students or their parents are, of course, free to select consultants, surgeons, or hospitals of their own choice, but in such cases the fees of the physicians, surgeons, nurses, hospitalization, and incidental fees are not paid by the College.

In the cases of students who have served in the armed forces of the United States, the College's responsibility is limited to illnesses and accidents of a nature covered by its responsibilities to its regular civilian students. Expenses for illnesses arising in whole or in part from previous service in the armed forces are not covered. The decisions of the College Physician as to what expenses will be met by the College shall be final.

Parents are notified by mail of all infirmary admissions unless the illness is thought of sufficient severity to warrant direct communication by telephone. In emergencies requiring immediate surgery, when parents cannot be consulted in advance, the President will assume responsibility for the authorization of operation.

Students who are unable to attend classes because of illness are required to go to the infirmary unless living with their families in Amherst or vicinity. Sick excuses are given only for such time as is spent either in the infirmary or, if living with their families, under a physician's care.

The College Infirmary, built in 1938, is located on the campus, is of fireproof construction, and is designed in accordance with the best modern practice. It has a normal capacity of nineteen beds, and an emergency capacity of forty beds. It contains a lounge room with a selected library and two solaria for convalescing students, an operating room for minor surgical cases, a laboratory, and an isolation ward for the treatment of infectious diseases.

#### OCCUPATIONAL GUIDANCE

In liberal arts colleges such as Amherst, where few studies are of direct occupational significance, it is natural that many undergraduates find

their most perplexing problem that of making a proper choice of a life career. To help undergraduates solve this problem, the College offers an occupational guidance program. This program assists students to (1) discover their own special interests, aptitudes, talents, and powers; (2) discover the most promising outlets for these special and individual powers; (3) become familiar with the best techniques in obtaining a job, and (4) recognize the principal adjustments needed in changing from a life on the campus to one in the business world.

Amherst men have little difficulty in finding jobs. Rather the problem is to find work which offers the individual a happy outlet for his own particular talents, work which promises an achievable goal. The undergraduate who participates in this voluntary program will find himself better prepared to make a wise vocational choice and better equipped to face the business world.



# Tuition and Fees

*The officer having general supervision of the collection of Tuition and Fees is the Comptroller.*

## PAYMENT OF BILLS

Upon notification of admission to the College a candidate is required to return with his acceptance a non-refundable advance payment of \$50 which will be credited in full on the first term bill.

College bills are payable at the beginning of each semester, the final date for payment being the Saturday prior to the first day of classes. Bills are payable at the office of the Comptroller.

Approximately two weeks before the due date bills are mailed to the students' parents. These bills may be paid by mail or in person. In either case the student's receipt, needed by the student to secure course cards and for admission to the dining hall, to athletic and other activities, is obtainable only by calling in person at the Comptroller's office.

## COMPREHENSIVE FEE

A comprehensive fee is charged including tuition, room and board, amounting to \$545 per semester.

## OTHER CHARGES

The charge for tuition for candidates for the degree Master of Arts is \$550.

For extra courses taken to remove delinquencies caused by failure, there will be a charge of \$70 per semester for each regular course, and \$20 per semester for required Public Speaking and Physical Education.

*Application Fee.* The candidate's formal application should be accompanied by a \$5.00 application fee in check or money order made payable to The Trustees of Amherst College.

*Guarantee Deposit.* \$15.00 will be charged on the first semester bill of each entering student, refundable at the end of his college course, less any unpaid charges for breakage, lost equipment, library fees, etc.

*Health Fee.* \$10.00 per semester. This covers infirmary and medical care as stated on pages 30 and 31.

*Intercollegiate Athletics Fee.* \$10.00 per semester is charged all students for the support of intercollegiate athletics. Of this, \$5.00 covers a season ticket to intercollegiate athletic contests, which is subject to

the federal admission tax of \$1.00. Thus, the amount appearing on the student's bill is \$11.00 including federal tax.

*Student Activities Tax.* \$8.25 per semester. This tax, determined each year by the Student Council acting as the representative of the student body, is collected by the College from each student, and distributed to the various participating undergraduate organizations as set forth in the Student Handbook.

*Degree Fee.* Every member of the senior class is charged a Degree Fee of \$7.00 at the beginning of his final term. This fee is also payable by candidates for the degree Master of Arts.

Changes in course elections, laboratory breakage, etc., involve nominal fees payable when incurred.

#### SUMMARY OF EXPENSES

It will be noted that in addition to the comprehensive fee for each term there will be a few small fees billed by the College. Beyond this will be the student's personal expenses, membership dues in student organizations, clothing, travel, books, and miscellaneous items, all of which will vary greatly with the individual but will probably range from fifty to one hundred dollars per semester.



# Scholarships and Beneficiary Aid

*The officer directly in charge of the administration of scholarships and beneficiary aid is the Dean of the College.*

The beneficiary funds of the College aggregate over one million dollars. The income of these funds is distributed annually among students of high character and superior scholastic ability who need pecuniary aid.

## SCHOLARSHIPS FOR THE THREE UPPER CLASSES

Applicants for scholarships, or for renewal of scholarships, from the three upper classes must file at the Dean's office, on or before May 1st, an account of their income and expenditures for the preceding year, and an estimate of their income and expenditures for the following year.

As a minimum scholastic requirement, applicants for scholarships from the three upper classes must pass all of their courses of the preceding year with an average of at least seventy-five per cent.

## SCHOLARSHIPS FOR INCOMING STUDENTS

More than forty scholarships are awarded annually to applicants for admission to college who are in need of financial aid and who meet in full the entrance requirements. These scholarships range from \$250 to \$750. They are awarded for the first term in residence and entitle the recipient to a credit on the first bill for tuition. The continuation of each scholarship for the following term depends upon the student's passing all of his courses of his first term with an average of at least seventy-five per cent, and, when granted, involves a credit on the next term bill. All candidates for these scholarships must be candidates for admission and must take the Scholastic Aptitude Test and Achievement Test, given by the College Entrance Examination Board. Scholarship applications must be made before March 1.

## SCHOLARSHIP FUNDS

Throughout the whole history of the College funds have been given or bequeathed, the incomes of which are to be used for the assistance of worthy and needy students. A few of these funds are restricted to candidates for the ministry and a few of them are restricted by other factors, such as the geographical location of the home of the applicant. In a few cases it is stipulated that the award from a particular fund shall be made to a particularly designated student. For the most part, however, the income of these funds may be awarded as the College sees

fit. Three State Scholarships of full tuition are awarded annually to qualified residents of Massachusetts.

A listing of the Scholarship Funds of the College will be found in the Appendix.

#### RESIDENTS OF AMHERST

Free tuition may be granted at the discretion of the Trustees of Amherst College to applicants for admission who can satisfy in full the entrance requirements for Amherst College, who have been residents of Amherst for three years before the time of admission to college, and whose parents have also been residents of Amherst for three years. The grants of free tuition are to be continued throughout the college course, provided the students concerned satisfy the scholastic requirements of the College, conform to its regulations, and the parents of the students concerned continue to live in Amherst.

#### STUDENT LOAN FUND

Through the liberality of friends of the College, provision is made for loans of a limited amount to the few students in the later years of the course, at a low rate of interest, upon notes to be paid in subsequent years. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to students in good scholastic standing whose habits of expenditure are economical. Application blanks may be obtained at the Treasurer's office.

# Degrees

## MASTER OF ARTS

The Master of Arts degree is conferred upon students who have received the Bachelor of Arts degree either from Amherst College or from another college which has similar requirements for the Bachelor of Arts degree, and who have met the requirements described below. Application forms and a detailed explanation of the requirements may be obtained from the Dean.

### REQUIREMENTS FOR MASTER OF ARTS DEGREE

To become a candidate for the Master of Arts degree, students are expected to have at least a B average or its equivalent in their undergraduate work. They should secure approval of proposed courses of study from the Dean, the department concerned, and the Committee of Six, not later than the June preceding the opening of the college year in which they plan to work for this degree.

Candidates are required to complete at least eight semester courses of advanced character, or the equivalent, under the direction of the department concerned, to secure grades of at least B in every course, to spend a minimum of two semesters in residence in Amherst College, to prepare a satisfactory thesis, and to pass oral and written comprehensive examinations.

## BACHELOR OF ARTS

The degree Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the degree Bachelor of Arts is arranged on a basis of the equivalent of an eight-semester course to be pursued by students in residence at the College.

The Bachelor of Arts degree *cum laude*, *magna cum laude* or *summa cum laude* (Degree with Honors), is awarded to students who have successfully completed an approved program of honors work with a department or group.

To other students who have satisfactorily met the requirements the degree Bachelor of Arts *rite* is awarded.

### COURSE REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

#### *For the Class of 1950 and Preceding Classes*

The degree Bachelor of Arts is normally awarded to candidates who complete the equivalent of forty semester courses on the five-course pro-

gram, including a major as defined below; who complete the equivalent of 120 semester hours; who in freshman and sophomore years elect at least four semester courses from each of the three divisions of the curriculum, and who in junior and senior years elect at least four semester courses outside the division in which they are majoring; and who complete certain prescribed work in public speaking and physical education. However, students who attended Amherst in the period between June 15, 1942, and June 15, 1945, and who followed the accelerated program are required to complete the equivalent of thirty-nine semester courses and to complete the equivalent of 120 semester hours.

Candidates must have no deficiency in the work of any year, must have a reading knowledge of French or German, and must maintain a general average of seventy per cent in every course completed at another institution.

Beginning September, 1948, candidates for the degree Bachelor of Arts who entered Amherst College under the five-course program will complete the indicated number of courses under the four-course program in accordance with the following table:

| NUMBER OF SEMESTER COURSES REQUIRED |   |   |
|-------------------------------------|---|---|
| <i>Term</i>                         | <i>Courses completed<br/>under 5-course program</i> | <i>Courses to be completed<br/>under 4-course program</i> |
| 3                                   | 10  | 24  |
| 4                                   | 15  | 20  |
| 5                                   | 20  | 16  |
| 6                                   | 25  | 12  |
| 7                                   | 30  | 8   |
| 8                                   | 35  | 4   |

A major consists of ten semester courses on the five-course plan pursued under the direction of a department or special group. Members of the junior class may satisfy the major requirement by completing eight semester courses, provided no more than two semester courses were completed under the five-course program. Members of the senior class may satisfy the major requirement by completing eight semester courses, provided no more than six semester courses were completed under the five-course program.

The major cannot begin later than the junior year, and may begin in either the freshman or sophomore year; it must be completed in the senior year. Each department decides whether a freshman course in the department shall count toward its major.

The major requirement can be met in accordance with either of two plans:

Plan A: Not less than six of the semester courses must be in the department; not more than two semester courses may be in related fields approved by the department.

Plan B: Combination of courses not provided for under Plan A, but similar in aim to the established group majors in American Studies and Renaissance Studies, may be made with the consent of the several departments concerned and of the Dean.

#### *For the Class of 1951 and Succeeding Classes*

The degree Bachelor of Arts is awarded to candidates who complete the equivalent of 32 semester courses on the four-course program including a major as described below; who complete the equivalent of 120 semester hours; who in freshman and sophomore years complete the three two-year courses in science, history, and the humanities; who in junior and senior years elect at least four semester courses outside the division in which they are majoring; and who complete certain prescribed work in public speaking and physical education.

Candidates must have no deficiencies in the work of any year; must satisfy the language requirement in French, German, Italian, Russian, Spanish, Latin, or Greek; must attain a general average of 70 per cent in the courses completed at Amherst College and a grade of at least 70 per cent in every course completed in another institution.

A major consists of eight semester courses pursued under the direction of a department or special group. A major cannot begin later than the junior year and may begin in either the freshman or sophomore year; it must be completed in the senior year. No year without a course in the major may intervene between its beginning and its end. Each department decides whether a freshman course in the department shall count towards its major.

The major requirement can be met in accordance with either of two plans:

Plan A: Not less than six of the eight semester courses must be within a department. Not more than two may be in related fields approved by the department.

Plan B: Combinations of courses not provided for under Plan A, but similar in aim to the established group majors in American Studies and Renaissance Studies, may be made with the consent of the several departments concerned and of the Dean.

#### LANGUAGE REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

##### *For the Class of 1950 and Preceding Classes*

A reading knowledge of French or German is required for a degree. This requirement may be satisfied in any one of the following ways:

1. By attaining a satisfactory score in the College Entrance Examination Board's Achievement Test in either French or German before entering college.

2. By attaining a grade of C in French 11-12, French 3-4, German 11-12, or German 3-4, or by passing French 5-6, German 5-6, or German 7-8. (Course numbers refer to course numbers used in 1947-1948 and earlier.)

3. By passing a sight reading examination given at the college each year.

Juniors and Seniors who have not satisfied the reading requirement in either French or German are required to elect one of these languages.

##### *For the Class of 1951 and Succeeding Classes*

Members of the class of 1951 and succeeding classes may satisfy the college language requirement in any one of the following languages: French, German, Italian, Russian, Spanish, Latin, or Greek.

In modern languages the requirement may be met in either of the following ways:

1. At entrance, by a satisfactory score in the College Entrance Examination Board Achievement Test in the language, plus a demonstration of ability to comprehend the spoken language in an oral examination to be given to freshmen at the beginning of the college year.

2. After entrance, by passing course 5, or by passing reading and aural comprehension examinations to be given at the end of course 3.

In ancient languages the requirement may be met in either of the following ways:

1. At entrance, by a satisfactory score in the College Entrance Examination Board Achievement Test in Latin or Greek.



2. After entrance, by passing Latin 3 with a grade of C, by passing any higher numbered course in Latin, or by passing Greek 3.

#### DEGREE WITH HONORS

The degree Bachelor of Arts with Honors is awarded at graduation to students whose academic records give evidence of particular merit. It may be awarded *cum laude*, *magna cum laude*, or *summa cum laude*, according to the level of achievement of the candidates. All degrees with honors are noted on the diploma and the Commencement program, and are announced in the annual catalog.

The award of honors is made by the Faculty of the College. In making such award the Faculty will take into account the following factors. (1) Candidates must have a minimum college average of 80 to be eligible to be considered for the degree *cum laude*, of 86 for the degree *magna cum laude*, and of 90 for the degree *summa cum laude*. (2) Candidates must receive the recommendation for the degree *cum laude*, *magna cum laude*, or *summa cum laude* from the department in which they have done their major work. Each department will define the conditions upon which it will be their practice to make recommendations to the Faculty. (3) In the case of the award of *magna cum laude* and *summa cum laude* the Dean and the Committee of Six will review the entire record of candidates and will transmit to the Faculty their recommendations. Only students of marked distinction in both general work and in the field of honor studies will be recommended for the *summa cum laude* degree.

A student is expected to have a general average of at least eighty percent at the time he is accepted as a candidate for honors in a department or group. However, in exceptional cases, if the department concerned and the Dean approve, a student whose average is below eighty percent at the end of the sophomore year may become a candidate for the degree with honors. However, such a student must meet the same requirements for the degree with honors at the end of his course as a student who had an average of eighty percent at the end of the sophomore year.

A candidate for a degree with honors may be permitted, at the discretion of the department in which he is majoring, to substitute in his junior year a conference course for one of his four regular courses and in his senior year a conference course for one or two of his four regular courses.

THE AMHERST CURRICULUM  
1948-1949

| DIVISION I<br><i>Language,<br/>Literature and Arts</i>   | DIVISION II<br><i>Social Studies<br/>and Philosophy</i>   | DIVISION III<br><i>Mathematics and<br/>Natural Sciences</i>                       |
|--|---|---|
| Dramatic Arts<br>English<br>Fine Arts<br>French<br>German<br>Greek<br>Humanities<br>Italian<br>Latin<br>Music<br>Public Speaking<br>Russian<br>Spanish | American Studies<br>Economics<br>Education<br>History<br>Legal Studies<br>Philosophy<br>Political Science<br>Psychology<br>Religion | Astronomy<br>Biology<br>Chemistry<br>Geology<br>Mathematics<br>Physics<br>Science |



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## II

### *Courses of Instruction*

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## Courses of Instruction

a. Freshman courses are numbered 1-19; sophomore courses 21-39; and junior and senior courses 41-80.

b. In general, odd-numbered courses are given in the first semester, and even-numbered courses in the second semester; the letter "S" after a number indicates that the number of the course is an exception to the usual numbering system.

c. Honors courses are offered to eligible juniors and seniors and are numbered 69, 70 and 79, 80 respectively. Election of these courses may be made only by candidates for a degree with honors unless exception is made by the department concerned and by the Dean.

### *American Studies*

Professors G. KENNEDY, LATHAM, C. H. MORGAN, G. R. TAYLOR,  
WARNE, and WHICHER;

Associate Professors ROZWENC and ZIEGLER;

Messrs. WALLER and WAHLKE

*Note:* For a major in American Studies: (a) At least two semester courses must be taken from American Studies 43, 44, 45, 47, and at least two semester courses from American Studies 25, 27, 48, 53, 54, 59, 60, 61, 62. (b) American Studies 79 is recommended for all majors who are doing average work or better. (c) Eight semester courses are required for the major, not including American Studies 21, 22. All of these courses may be taken from those listed in (a) and (b) above, but in special cases other courses may be counted toward the major, if approved by the Department.

Honors candidates will conform to the requirements for a major indicated above and are required to include among the eight courses counting toward their major, American Studies 79 and 80. In conjunction with American Studies 80, each candidate will write an original essay on a topic which has been approved by the Department. Early in May of his senior year he will take a comprehensive written and oral examination, the nature of which will be determined by his fields of special concentration.

21, 22. PROBLEMS IN AMERICAN CIVILIZATION. Professors KENNEDY, LATHAM, G. R. TAYLOR, WARNE, WHICHER, ROZWENC and ZIEGLER, and Messrs. WALLER and WAHLKE.

A study of selected problems in American civilization. This course does not provide a survey of American history but centers attention on a limited

number of topics which are treated from various viewpoints, including the political, economic, and cultural. Six lectures and one two-hour laboratory period every two weeks. *Required for Sophomores. First and second semesters.*

25. AMERICAN CONSTITUTIONAL DEVELOPMENT. Professor ZIEGLER.

A study of leading constitutional principles in the United States as interpreted by the courts. Attention is focussed on a series of problems (due process, commerce, etc.) and the court cases examined and analyzed against the background of history, politics, economics, and personality surrounding them and out of which they grew. Designed for students who desire a non-technical knowledge of the more important federal and state constitutional principles in the United States. (Same course as Political Science 25.) Requisite: Political Science 21. *Elective for Sophomores. First semester.*

27. POLITICAL PARTIES. Mr. WAHLKE.

The role of the people, parties and pressure groups in the politics of American democracy. Special attention to: the basic features of American political parties, with European comparisons and contrasts; the work of politicians, bosses and machines; the running of election campaigns; the character and behavior of the electorate; the competition for power among business, labor, agriculture, and other major organized interests in the community. Alternates with Political Science 71. (Same course as Political Science 27.) *Elective for Sophomores. First semester.*

43. AMERICAN LITERATURE. Professor WHICHER.

American authors from the colonial period to the Civil War. (Same course as English 43.) *Elective for Juniors. First semester.*

44. AMERICAN LITERATURE. Professor WHICHER.

American authors from the Civil War to the present. (Same course as English 44.) *Elective for Juniors. Second semester.*

45. AMERICAN ART. Professor C. H. MORGAN.

American architecture, sculpture, and painting in America from the 17th century to the present day. Requisite: Fine Arts 21, 22. (Same course as Fine Arts 45.) *Elective for Juniors. First semester. (Omitted 1949-50.)*

47. AMERICAN PHILOSOPHY SINCE 1860. Professor G. KENNEDY.

The history of ideas in America in relation to changing social and economic conditions.

(Same course as Philosophy 47.) *Elective for Juniors. First semester.*

## 48. AMERICAN ECONOMIC HISTORY. Professor G. R. TAYLOR.

A study of the economic history of the United States with chief emphasis on the period before 1900. Two two-hour seminars each week. (Same course as Economics 48.) Requisite: Economics 21. *Elective for Juniors. Second semester.*

## 53. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. Professor ROZWENC.

(Same course as History 53.) *Elective for Juniors. First semester. (Omitted 1949-1950.)*

## 54. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. Professor ROZWENC.

(Same course as History 54.) *Elective for Juniors. Second semester. (Omitted 1949-1950.)*

## 59. AMERICAN POLITICAL HISTORY. Professor ROZWENC.

This course will attempt an integrated analysis of definable political periods in the agrarian age of American development. Such political periods as the Revolutionary Era, the Federalist Era, Jeffersonian Democracy, Republican Nationalism, and Jacksonian Democracy will be studied with emphasis on the leading political ideas examined in relation to the actual institutional and legislative developments in the federal and state governments. (Same course as History 59.) *Elective for Juniors. First semester.*

## 60. AMERICAN POLITICAL HISTORY. Professor ROZWENC.

The same method as in History 59 will be applied to political periods in the recent industrial era of our history, such as the period of business domination of politics, the Progressive Era, Republican Reaction and the New Deal. (Same course as History 60.) *Elective for Juniors. Second semester.*

## 61. AMERICAN COLONIAL HISTORY. Mr. WALLER.

(Same course as History 61.) *Elective for Juniors. First semester.*

## 62. AMERICAN DIPLOMATIC HISTORY. Mr. WALLER.

(Same course as History 62.) *Elective for Juniors. Second semester.*

## 79. TOPICS IN AMERICAN CIVILIZATION. The Department.

A study of selected topics in American history with some attention to the problems of method and historiography. Two two-hour sessions weekly.

Limited to fifteen students. *Elective for Seniors with the consent of the instructor. First semester. (Omitted 1949-1950.)*

#### 80. HONORS.

*Elective for Seniors. Second semester.*

## Astronomy

Professor GREEN; Mr. LINNELL

*Note:* A major in astronomy consists of the four courses offered by the Department supplemented by courses in the other sciences and mathematics selected in consultation with the Astronomy Department to fit the needs of the individual students. All students planning to major in astronomy or to be candidates for honors in astronomy should consult with the Department just as early as possible, preferably before electing courses for the sophomore year. Combined majors in astronomy and physics or astronomy and mathematics may be arranged by consultation with Professor Green before the beginning of the second semester of the junior year.

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#### 21. INTRODUCTION TO NAUTICAL ASTRONOMY AND NAVIGATION. Professor GREEN.

Time and related problems. Determination of position on the surface of the earth by various methods such as dead reckoning navigation, celestial observations, modern electronic devices, etc. *Elective for Sophomores. (Members of the class of 1950 should not elect this course unless they have had mathematics and physics equivalent to Science 1-2). First semester.*

#### 22. INTRODUCTION TO DESCRIPTIVE AND PHYSICAL ASTRONOMY. Mr. LINNELL.

Physical characteristics and distributions in space of members of the solar system, stars, nebulae, and galactic systems. *Elective for Sophomores. (Members of the class of 1950 should not elect this course unless they have had mathematics and physics equivalent to Science 1-2.) Second semester.*

#### 79-80. CONFERENCE COURSES. Professors GREEN and Mr. LINNELL.

The subject matter to be covered in these courses will be arranged to suit the desires of the individual students. Students planning to elect these courses should consult with the Department before the end of the first semester of the junior year. *Elective for Seniors. First and second semesters.*

## *Biology*

Professors KIDDER, PLOUGH, and SCHOTTÉ; Associate Professor WOOD;  
Assistant Professors HINTON and NORTHCRAFT.

*Note:* A major in biology will consist of at least six semester courses in biology together with any two courses in chemistry. The course in Evolution of the Earth and Man (Science 23, 24) counts as one semester, and Science 22 counts as one semester of biology toward a major.

A chemistry-biology major requires four semester courses in each of the departments and must include Chemistry 43-44. Science 21 and Science 22 may be counted as semester courses in chemistry and biology respectively, and Science 23, 24 counts as one semester in biology.

A psychology-biology major requires at least four semester courses in each of the departments. Science 23-24 (one semester credit in biology) and Science 22 may be counted as semester courses in biology toward this major.

Honors work in biology is intended to offer an introduction to the purposes and methods of biological research. It is an excellent preparation for those students who wish to become professional scientists or who wish to acquire first hand knowledge of the methods of modern science.

Candidates for the degree with honors in biology must have completed by the beginning of the senior year a minimum of four semester courses in biology; sophomore courses may be counted and the course in Evolution of the Earth and Man (Science 23-24) counts as one semester in biology. Honors candidates must elect Biology 79, 80 and complete by the end of senior year a minimum of eight semester courses in biology.

The work for honors in biology consists of two main activities: (a) participation in a general and in a specialized seminar course in which the candidate reports on papers from current scientific periodicals; (b) an original investigation under the direction of some member of the staff.

In May of his senior year the candidate writes a comprehensive examination on the whole field of biology. He also writes a thesis presenting the results of his research and defends his findings orally before the whole Department.

Recommendations for the various grades of honors will be made on the basis of the comprehensive examination, the value of the original investigation and its defense.

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22. Same Course as Science 22.

23, 24. Same Course as Science 23, 24.

25. GENERAL ZOOLOGY. Professor SCHOTTÉ.

Morphology, classification and general physiology of animals, chiefly in-



vertebrates. Special consideration is given to such general phenomena as interrelation of animals with their environment, parasitism, reproduction, development and evolution. Four hours classroom and two hours laboratory or field work per week. *Elective for Sophomores. First semester.*

26. BIOLOGY OF INSECTS. Professor HINTON.

A study of structure, development and natural history of insects as representative animals. Field trips in the spring. Three hours classroom and four hours laboratory or field work per week. *Elective for Sophomores. Second semester.*

27. GENERAL BOTANY. Professor NORTHCRAFT.

The structure, reproduction and physiological processes of plants. Three hours classroom and four hours laboratory or field work per week. *Elective for Sophomores. First semester.*

41. COMPARATIVE ANATOMY. Professor WOOD.

A study of the anatomy of vertebrates and a review of vertebrate evolution. Four hours classroom and two hours laboratory work per week. Requirement: One semester of biology. *Elective for Juniors. First semester.*

42. EMBRYOLOGY. Professor SCHOTTÉ.

A description of developmental processes in the vertebrates, with an introduction to the physiology of development. Four hours classroom and two hours laboratory work per week. Requirement: One semester of biology. *Elective for Juniors. Second semester.*

43. GENETICS. Professor HINTON.

The general principles and techniques of heredity, and their bearings on reproduction and the determination of sex. Breeding experiments in the laboratory. Four hours classroom and two hours laboratory work per week. Requirement: One semester of biology. *Elective for Juniors. First semester.*

45. HISTOLOGY AND MICROSCOPICAL TECHNIQUE. Professor SCHOTTÉ.

A study of cells, tissues and organs of both invertebrates and vertebrates. The preparation of slides is included in the laboratory. Three hours classroom and four hours laboratory work per week. Requirement: One semester in biology. *Elective for Juniors. First semester.*

51. BIOCHEMISTRY. Professor KIDDER.

A study of the fundamental chemical processes of living matter. Three hours classroom and four hours laboratory work per week. Requirement: One semester of biology and organic chemistry (which may be taken concurrently). *Elective for Juniors. First semester.*



## 52. GENERAL PHYSIOLOGY. Professor NORTHCRAFT.

A study of fundamental physiological processes as exemplified by both plants and animals. Three hours classroom and four hours laboratory work per week. Requisite: Two semesters in biology and one course in chemistry. *Elective for Juniors. Second semester.*

## 54. BACTERIOLOGY. Professor PLOUGH.

A study of the bacteria yeasts and molds, their physiological activities and genetic relationships. Three hours classroom and four hours laboratory work per week. Requisite: Two semesters in biology and one course in chemistry. *Elective for Juniors. Second semester.*

## 56. VERTEBRATE PALEONTOLOGY. Professor WOOD.

The evolution of the vertebrates as shown by the study of fossils; and the relationship of environment to evolution. Three hours classroom and four hours laboratory work per week. (Same course as Geology 56.) Requisite: Biology 41. *Elective for Juniors. Second semester.*

## 79, 80. SEMINAR IN BIOLOGY. The Department.

The classwork consists of oral summaries and reports on problems of current biological interest. In addition, each student will carry on an individual investigation under some member of the staff. The course is designed for honor candidates, but is open to other advanced students with the consent of the Department. Requisite: Four semester courses in biology. *Elective for Seniors. First and second semesters.*

## Chemistry

Professors BEEBE and WHITNEY;

Associate Professor GRAHAME;

Assistant Professor TODD; Mr. SINCLAIR.

*Note:* A major in chemistry must include Chemistry 41, 42, 43 and 44.

A chemistry-biology major requires four semester courses in each of the two departments, and must include Chemistry 43-44. Science 21 and Science 22 may be counted as semester courses in chemistry and biology respectively.

Candidates for the degree with honors in chemistry will attend the chemistry seminar during their junior and senior year, participating in it actively in the senior year. At this seminar, discussions of topics of current interest will be conducted by staff members and by students. Each candidate will enroll in the senior conference course, Chemistry 79-80, which may count for one or two regular courses. The first semester of this course will

normally include the work of Chemistry 71 or 73. Individual laboratory problems will be selected by the student in conference with some member of the Department. These may be advanced types of inorganic or organic syntheses, physicochemical experiments or analyses, or problems for original investigation. Each candidate will write a thesis based upon his reading and laboratory work. He will take, early in April, a three-hour written examination and a one-week open-book problem examination. Recommendations for the various degrees of honors will be made by the department on the basis of the thesis and the comprehensive examination.

The program for the bachelor's degree with a major in chemistry, as accredited by the American Chemical Society, includes Chemistry 71 or 73, 75, 79, 80 and their prerequisites, a reading knowledge of German, one or two semesters of physics beyond the Science 1-2 course, Mathematics 3 and preferably Mathematics 23 or 31-32.

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21. Same Course as Science 21. Professors BEEBE, GRAHAME, WHITNEY and TODD.

24. INORGANIC AND ANALYTICAL CHEMISTRY. Professors BEEBE and TODD.

A study of the chemistry of inorganic substances with special emphasis on ionic equilibria as met in qualitative analysis. Three hours classroom and four hours laboratory work per week. Requisite: Science 21. *Elective for Sophomores. Second semester.*

41. PHYSICAL CHEMISTRY. Professor GRAHAME.

A study of the fundamentals of theoretical chemistry. This course includes also the equivalent of one hour per week of laboratory work in quantitative analysis. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 24, and Mathematics 3. *Elective for Juniors with the consent of the instructor. First semester.*

42. PHYSICAL CHEMISTRY. Professor GRAHAME.

A continuation of Chemistry 41. Requisite: Chemistry 41. *Elective for Juniors. Second semester.*

43. ORGANIC CHEMISTRY. Professor WHITNEY.

General theory of organic chemistry, preparation of typical organic compounds, and introduction to organic qualitative analysis. The chemistry of the most important functional groups only is studied in this course. Three hours classroom and four hours laboratory work per week. Requisite: Chemistry 24. *Elective for Juniors. First semester.*

## 44. ORGANIC CHEMISTRY. Professors WHITNEY and TODD.

A continuation of Chemistry 43. Requisite: Chemistry 43. *Elective for Juniors. Second semester.*

## 46. QUANTITATIVE ANALYSIS. Mr. SINCLAIR.

The quantitative analysis of inorganic substances with emphasis on volumetric methods. Principles of elementary physical chemistry will be considered and applied. Three hours classroom and three hours laboratory work per week. Requisite: A grade of B in a previous chemistry course other than Science 21. *Elective for Juniors. Second semester.*

## 71. THERMODYNAMICS. Mr. SINCLAIR.

A study of the principles of thermodynamics and their applications to chemical problems. This course is intended for students preparing for graduate work. Three hours classroom work per week. Requisite: Chemistry 42. *Elective for Seniors. First semester.*

## 73. QUALITATIVE ORGANIC CHEMISTRY. Professor TODD.

A continuation of the study of organic chemistry, with emphasis on the laboratory identification and characterization of organic compounds. Two hours classroom and six hours laboratory work per week. Requisite: Chemistry 44. *Elective for Seniors. First semester.*

## 75. INORGANIC ANALYSIS. Professor GRAHAME.

The application of inorganic and theoretical chemistry in quantitative analysis. Two hours classroom and six hours laboratory work per week. Requisite: Chemistry 42. *Elective for Seniors. First semester.*

## 79. HONORS COURSE. The Department.

Requisite: Chemistry 44. *Elective for honors candidates, and for others with the consent of the Department. First semester.*

## 80. HONORS COURSE. The Department.

A continuation of Chemistry 79. *Elective for honor candidates, and for others with the consent of the Department. Second semester.*

### *Classics*

Professor BROWER; Associate Professor KERN; Assistant Professor MOORE;  
Mr. CLAUSEN

*Note:* All courses offered by the Department which are numbered 4 or higher may be used to satisfy the sophomore humanities requirement.

All courses offered by the Department may be counted toward a major except those numbered 1 and 2. A major may be entirely in Greek or entirely in Latin and will then consist of eight semester courses, two of which may be in related fields. A major in Classics will consist of eight semester courses in the Classics, which may be divided in any proportion between Greek and Latin, except that not less than two may be taken in either language.

Honors may be awarded to those candidates who major in Greek or in Latin or in Classics and who take eight semester courses in the Department. Every honors candidate must include in his program those courses numbered 41, 42, 79 and 80 in either Greek or Latin. He must submit a long essay (6000-7000 words) on some topic connected with his honors work and approved by the Department. He must have read extensively in Greek or Latin literature or both. He must also read independently, i.e., not as a part of the work in a course, approximately 50 pages of some Greek or Latin text selected with the approval of the Department. Early in May he will be given a written examination covering: a) his honors work; b) his reading in the Classical literatures. The emphasis in this examination will be on the literary and historical interpretation of major authors; there will be considerable latitude of choice between various optional questions. The award of honors will be determined by the quality of the candidate's work in his courses, of his essay, and of his performance in the general examination.

The Department will cooperate with other departments in giving combined majors with honors.

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### *Greek*

#### 1. INTRODUCTION TO THE GREEK LANGUAGE. Mr. CLAUSEN.

Five hours per week. *Elective for Freshmen. First semester.*

#### 2. INTRODUCTION TO GREEK LITERATURE. Professor MOORE.

Five hours per week. Requisite: Greek 1 or its equivalent. *Elective for Freshmen. Second semester.*

#### 3. THE ILIAD. Professor BROWER.

Five hours per week. Requisite: Greek 1 and 2 or their equivalent. *Elective for Freshmen. First semester.*

#### 4. THE ODYSSEY. Professor BROWER.

Three hours per week. Requisite: Greek 3 or its equivalent. *Elective for Freshmen. Second semester.*

## 5. SELECTIONS FROM PLATO. PROFESSOR MOORE.

Three hours per week. Requisite: Greek 3 or its equivalent. *Elective for Freshmen. First semester.*

## 6. THE LYRIC POETS; EURIPIDES. MR. CLAUSEN.

Three hours per week. Requisite: Greek 3 or its equivalent. *Elective for Freshmen. Second semester.*

## 21, 22. GREEK TRAGEDY.

Three hours per week. Requisite: Greek 6. *Elective for Sophomores. (Omitted 1949-1950.)*

## 41, 42. ADVANCED READINGS IN GREEK LITERATURE. PROFESSOR MOORE.

The authors read in these courses vary from year to year, the selection being made according to the interests and needs of the students. Examples: Plato's *Republic* and Aristotle's *Ethics*; Pindar, Bacchylides, and Theocritus; Demosthenes and Thucydides; the Greek novelists. Three hours per week. Requisite: Greek 6. *Elective for Juniors. First and second semesters.*

## 79, 80. SENIOR HONORS COURSE.

### Latin

## 1-2. INTRODUCTORY COURSE. PROFESSOR KERN.

Latin grammar; selections from Caesar's *Gallie War*; select orations of Cicero. Five hours per week. *Elective for Freshmen. First and second semesters.*

## 3. INTERMEDIATE COURSE. PROFESSOR KERN.

Review of Latin grammar; selections from Cicero's *Orations*. Five hours per week. Requisite: Latin 1-2, or two or three entrance units in Latin, not including poetry authors. *Elective for Freshmen. First semester.*

## 4. INTERMEDIATE COURSE. MR. CLAUSEN.

Selections from Vergil's *Aeneid*. Three hours per week. Requisite: Latin 3, or two or three entrance units in Latin, not including poetry authors. *Elective for Freshmen. Second semester.*

## 5. CICERO'S "DE SENECTUTE"; SELECTIONS FROM CATULLUS. PROFESSOR KERN.

Three hours per week. Requisite: Latin 4, or three or four entrance units in Latin, including poetry authors. *Elective for Freshmen. First semester.*

6. HORACE, SELECTIONS FROM THE "ODES" AND "EPODES"; SELECTIONS FROM PLINY'S "LETTERS." Professor KERN.

Three hours per week. Requisite: Latin 4, or Latin 5, or four entrance units in Latin, including poetry authors. *Elective for Freshman. Second semester.*

21. ROMAN COMEDY: SELECTED COMEDIES OF TERENCE AND PLAUTUS. SELECTIONS FROM VERGIL'S "ECLOGUES." Mr. CLAUSEN.

Three hours per week. Requisite: Latin 5 or 6. *Elective for Sophomores. First Semester. (Omitted 1949-1950.)*

22. ROMAN HISTORIANS: SELECTIONS FROM THE WORKS OF LIVY, TACITUS, AND SUETONIUS. Professor KERN.

Three hours per week. Requisite: Latin 6 or 21. *Elective for Sophomores. Second Semester. (Omitted 1949-1950.)*

- 41, 42. ADVANCED READINGS IN LATIN LITERATURE. Mr. CLAUSEN.

The authors read in these courses vary from year to year, each course giving a survey of one field in Latin literature; e.g., Roman Satire, Roman Philosophy, Roman Law, Late Latin, etc. (In 1949-1950, Latin 41 will be Lucretius, "De Rerum Natura"; and Latin 42 will be readings from later Latin.) Three hours per week. Requisite: Latin 21 or 22. *Elective for Juniors. First and second semesters.*

- 79, 80. SENIOR HONORS COURSE.

### *Dramatic Arts*

Professors CANFIELD and JOHNSTON; Assistant Professors MCGOUN and C. E. ROGERS

*Note. Majors:* (It should be noted that students must have the permission of the Department to major in Dramatic Arts).

Required courses: Humanities 21 and 22; Dramatic Arts 43 and 44; Dramatic Arts 79 and 80.

For completion of the required number of courses for the major, students may elect from the following after consultation with the Department: English 25, 26; English 23, 24; Fine Arts 23, 24; Fine Arts 41; Psychology 21, 22.

*Honors:* The type of work required will vary in accordance with the special interest of the individual student. All candidates, however, shall be given an examination on the history of the theater. For directing, the can-



didate shall prepare a detailed and complete prompt-book for a full-length play, together with an analysis and an interpretation of the play and its characters. For designing, candidates shall prepare sketches and detailed plans for a full-length play of a specific period, and a written analysis of the visual problems involved. For playwriting, the candidate shall prepare a full-length play.

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21. Same Course as Humanities 21.

*Prerequisite for all other courses in the Department of Dramatic Arts.*

22. Same Course as Humanities 22.

*Prerequisite for all other courses in the Department of Dramatic Arts.*

43. MODERN DRAMA. Professor CANFIELD.

Major dramatists from Ibsen to the present. Intensive reading. Some background material. Requisite: Humanities 21, 22. *Elective for Juniors. First semester.*

44. DRAMATIC PRODUCTION, A STUDY OF THE ARTS OF THE STAGE. Professors JOHNSTON, ROGERS, and MCGOUN.

Principles of directing, acting, scene design and lighting considered as instruments of dramatic interpretation. Requisite: Dramatic Arts 43. *Elective for Juniors, with the consent of the Department. Second semester.*

79. CONFERENCE COURSE. The Department.

Requisite: Dramatic Arts 44. *Elective for Seniors with the consent of the Department. First semester.*

80. CONFERENCE COURSE. The Department.

A continuation of Dramatic Arts 79. Requisite: Dramatic Arts 79. *Elective for Seniors. Second semester.*

### *Economics*

Professors CHANDLER, ROSS, G. R. TAYLOR, and WARNE;  
Associate Professor COOMBS; Assistant Professor AMES; Messrs. KEIR  
and ROTHENBERG

*Note:* The following courses are required for a major in Economics:

Rite Students: Economics 21, 23, 71.

Honor Students: Economics 21, 23, 79, 80.



Candidates for the degree with honors in economics will determine their class program in consultation with the Department. Each candidate must prepare as a part of Economics 79-80 a thesis on a subject approved by the Department. This thesis, together with a written and oral examination at the close of his senior year, will be the principal basis for the award of the degree with honors. The written examination will cover the major fields of economics in which the candidate has taken work. The oral examination will be a defense of the thesis before the Department.

The normal program for students wishing to graduate with honors in economics should include, in addition to the required courses, Ec. 45, 49 and 50. In exceptional cases, the Department may deviate from this rule.

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21. AN INTRODUCTION TO ECONOMICS. Professor CHANDLER and Messrs. KEIR and ROTHENBERG.

A study of the central functions and problems of an economic system, of the principles and practices of our own economy, and of other forms of economic organizations and control. Two lectures and two hours of discussion each week. Prerequisite for all other courses in economics. *Elective for Sophomores. First semester.*

21S. AN INTRODUCTION TO ECONOMICS. Professor CHANDLER and Mr. ROTHENBERG.

Same description as above. *Elective for Sophomores. Second semester.*

23. THE AMERICAN ECONOMY. Mr. KEIR.

An examination of the structure and operation of the economic system of the United States, with particular emphasis upon the different types of markets and industrial structures, the role and behavior of the price mechanism, the evolution of public policies, and selected current economics issues. A prerequisite or co-requisite for all other courses in economics except American Economic History. Three lectures and one hour of discussion each week. Requisite: Economics 21. *Elective for Sophomores. First semester.*

23S. THE AMERICAN ECONOMY. Mr. KEIR.

Same description as above. *Elective for Sophomores. Second semester.*

41. COMPARATIVE ECONOMIC SYSTEMS. Professor WARNE.

A study and comparison of the principal types of economic systems with special emphasis upon the position of labor in each. Requisite: Economics

21 and Economics 23 which may be taken concurrently. Four lectures each week. *Elective for Juniors. First semester.*

42. LABOR ECONOMICS. Professor WARNE.

A survey of the position of labor in our modern economy and of the development and status of labor legislation and social security measures. Three lectures and one hour of discussion each week. Requisite: Economics 21 and Economics 23 which may be taken concurrently. *Elective for Juniors. Second semester.*

43, 44. MONETARY AND FINANCIAL INSTITUTIONS AND POLICIES. Professor CHANDLER and Messrs. KEIR and ROTHENBERG.

A study of money and finance and their relation to the functioning of an economic system, with special emphasis on the effects of monetary policy and government taxing, spending, and debt policies on the cyclical fluctuation of business. Three lectures and one hour of discussion each week. Requisite: Economics 21 and Economics 23 which may be taken concurrently. *Elective for Juniors. First and second semesters.*

45. QUANTITATIVE ECONOMIC ANALYSIS. Professor ROSS.

A study of the sources of quantitative economic data, with special emphasis on governmental and accounting data and on the application of statistical methods to economic problems. Two lectures and three hours laboratory work each week. Requisite: Economics 21 and Economics 23 which may be taken concurrently. *Elective for Juniors. First semester.*

46. ACCOUNTING. Professor ROSS.

A study of the principles of accounting as related to economic analysis. Attention will be given to the use of accounts by persons and corporations and the application of accounting techniques to the study of national wealth and income. Requisite: Economics 21 and 23 which may be taken concurrently. *Elective for Juniors. Second semester.*

47. INTERNATIONAL ECONOMICS. Mr. AMES.

A study of the inter-relationships among the various national economies, including international trade and monetary and financial relationships. Special emphasis is placed on the objectives and limitations of foreign trade, policy in terms of welfare and employment and on the monetary and commercial instruments used since 1914 in the search for international economic stability. Two two-hour seminars each week. Requisite: Economics 21 and Economics 23 which may be taken concurrently. *Elective for Juniors. First semester.*

## 48. AMERICAN ECONOMIC HISTORY. Professor TAYLOR.

A study of the economic history of the United States with chief emphasis on the period before 1900. Two two-hour seminars each week. Requisite: Economics 21 and requisite or co-requisite History 53-54 or History 59-60. *Elective for Juniors. Second semester.*

## 49. HISTORY OF ECONOMIC THOUGHT. Professor TAYLOR.

A study of the development of economic thought as reflected in the writings of a limited number of authors, chiefly British and American. Attention will be given to both the classical and the dissenting schools. The writings of such men as Smith, Ricardo, Lauderdale, Jevons, Marshall, Raymond, Henry C. Carey, J. B. Clark and Veblen will be studied. Two two-hour seminars each week. Limited to fifteen students. Requisite: Economics 21 and Economics 23 which may be taken concurrently. *Elective for Juniors. First semester.*

## 50. CONTEMPORARY ECONOMIC THEORY. Professor AMES.

An introduction to some of the more important modern analytical concepts used in the treatment of economic problems. Two two-hour seminars each week. Limited to fifteen students. *Elective for Seniors with the consent of the instructor. Second semester.*

## 71. PROBLEMS IN AMERICAN ECONOMIC POLICY. Professor COOMBS.

A study of the process of formulating and executing public economic policy in the United States, based upon an intensive examination of selected cases. Particular emphasis is given to the inter-relatedness of economic, political, legal, philosophical and other factors that affect public policy determination. Two sections, each meeting in two two-hour seminars each week. Requisite: Economics 21 and Economics 23 which may be taken concurrently. *Either Economics 71 or 71S required for all economics majors, except economics honors students, in their senior year. Open to other Seniors only with the consent of the Department. First semester.*

## 71S. PROBLEMS IN AMERICAN ECONOMIC POLICY. Professor COOMBS and Mr. ROTHENBERG.

Same description as above. *Either Economics 71 or 71S required for all economic majors, except economics honor students, in their senior year. Open to other Seniors only with the consent of the Department. Second semester.*

## 79-80. ECONOMICS HONORS. Professor AMES and Department.

This course, open only to qualified Seniors who are majoring in economics, consists of two parts: (1) research and writing of an honors thesis,

and (2) a group seminar meeting two hours each week throughout the year to analyze and discuss a limited number of problems involving economic policy. *Open only to Seniors who have been accepted as candidates for honors in economics. First and second semesters.*

## Education

Professor G. KENNEDY; Assistant Professor WOODBURY

### 41. PHILOSOPHY OF EDUCATION. Professor KENNEDY.

A comparative and critical study of contemporary theories of education, in terms both of their historical origins and of current problems and controversies. (Same course as Philosophy 41.) *Elective for Juniors. First semester. (Omitted 1949-1950.)*

### 43. EDUCATIONAL PSYCHOLOGY. Professor WOODBURY.

A study of conditions of learning, psychological testing, and principles of development in childhood and adolescence. Some attention will be given to special problems of mental deficiency. Lectures, discussions, and projects. (Same course as Psychology 43.) *Requisite Psychology 21. Elective for Juniors. First semester.*

## English

Professors BAIRD, BROWER, ELLIOTT, McKEON and WHICHER;  
Associate Professor CRAIG;  
Assistant Professors AMES, BARBER, and GIBSON;  
Messrs. ROSE and STAHLMAN.

*Note:* All English majors are required to elect English 21-22 and six other semester courses, exclusive of English 1-2, offered or approved by the English Department.

Candidates for honors in English are required to complete at least eight semester courses in English, exclusive of English 1-2, and including English 21-22, English 25, English 41, English 46, English 69-70, and English 80. Qualified candidates should in their junior year elect English 69-70, and in the first semester of their senior year will normally elect a semester course in the field of their greatest interest. English 79, an independent reading course, will be open in the first semester of senior year to candidates whose preliminary reading for their thesis topic cannot effectively be accomplished in regular courses. All candidates will elect English 80 in the second semester of senior year.

1. COMPOSITION. Professors BAIRD (Chairman), AMES, BARBER, CRAIG, and GIBSON, and Messrs. ROSE and STAHLMAN.

*Required for Freshmen. First semester.*

2. COMPOSITION. Professors BAIRD (Chairman), AMES, BARBER, CRAIG, and GIBSON, and Messrs. ROSE and STAHLMAN.

*Requisite: English 1. Required for Freshmen. Second semester.*

21. INTRODUCTION TO LITERATURE. Professors BARBER, BROWER (Chairman), CRAIG, and GIBSON.

The aim of this course is to teach critical reading of literature. The material read in any one year is limited to a small number of works of prose and poetry. Required for a major in English. Alternate course in Humanities Sequence. *Elective for Sophomores. First semester.*

22. INTRODUCTION TO LITERATURE. Professors BARBER, BROWER (Chairman), CRAIG, and GIBSON.

A continuation of English 21. Not required for English majors or honors candidates who have passed English 21 with a grade of "A". Requisite: English 21. *Elective for Sophomores. Second semester.*

23. ADVANCED COMPOSITION. Professor GIBSON.

A course in disciplined writing, both prose and verse. Students are expected to work independently without specific assignments. Class discussion of manuscripts and frequent conferences with the instructor. *Elective for Sophomores with the consent of the instructor. First semester.*

24. ADVANCED COMPOSITION. Professor GIBSON.

A continuation of English 23. *Elective for Sophomores with the consent of the instructor. Second semester.*

25. SHAKESPEARE. Professor BAIRD.

A reading of all the plays. Emphasis on Shakespeare's development as dramatist and poet. Requisite: A grade of "B" in a previous English course. Alternate course in Humanities Sequence. *Elective for Sophomores. First semester.*

26. SHAKESPEARE. Professor BAIRD.

A continuation of English 25. Requisite: English 25. *Elective for Sophomores. Second semester.*



## 41. THE RENAISSANCE. Professor ELLIOTT.

The poetry of Spenser and Milton. In connection with Spenser, a survey of the rise of Christian Humanism in the earlier Renaissance in England. *Elective for Juniors. First semester.*

## 42. THE RENAISSANCE. Professor CRAIG.

A continuation of English 41. *Elective for Juniors. Second semester.*

## 43. AMERICAN LITERATURE. Professor WHICHER.

American authors from the Colonial Period to the Civil War. *Elective for Juniors. First semester.*

## 44. AMERICAN LITERATURE. Professor WHICHER.

American authors from the Civil War to the present. *Elective for Juniors. Second semester.*

## 45. THE NINETEENTH CENTURY ENGLISH NOVEL. Professor CRAIG.

A study of representative works, with attention both to their literary structure and their relation to social history. *Elective for Juniors. First semester.*

## 46. CHAUCER. Professor WHICHER.

Chaucer's major works in the original. *Elective for Juniors, and for Sophomores who have a grade of "B" in English 1-2 and who plan to become candidates for the degree with honors in English. Second semester.*

## 49. LITERARY CRITICISM. Professor BROWER.

Studies in the theory and practice of criticism. *Elective for Juniors. First semester.*

## 52. JOYCE AND ELIOT. (English 51 in 1948-1949) Professor BARBER.

An introduction to some modern literary methods and related cultural issues by close reading of selections from the short stories and novels of James Joyce and the poems, plays and criticism of T. S. Eliot. *Elective for Juniors. Second semester.*

## 53. ELIZABETHAN DRAMA. Professor BARBER.

A study of the nature of literary tradition by close reading of Tudor and Stuart plays, exclusive of Shakespeare. Individual works will be examined to see how they exploit and develop a common fund of expressive resources. Organized readings, with parts assigned and prepared in advance, will be conducted during the afternoon laboratory period. *Elective for Juniors. First semester.*

56. READINGS IN EIGHTEENTH CENTURY LITERATURE. Professor BAIRD.

For 1949-1950 the authors read will be Boswell, Johnson, and Gibbon. *Elective for Juniors. Second semester.*

57. NINETEENTH CENTURY POETRY. Professor ELLIOTT.

A study of the six chief poets, together with a survey of literature, religion, and culture from 1800 to the present day. *Elective for Juniors. First semester.*

69-70. CONFERENCE COURSE. The Department.

*Elective for Juniors.*

79-80. CONFERENCE COURSE. The Department.

*Elective for Seniors.*

### *Fine Arts*

Professor C. H. MORGAN; Assistant Professors JUDKINS and C. E. ROGERS.

*Note:* A major in fine arts consists of six semester courses in the department, including Fine Arts 21-22 and Fine Arts 23-24, and two semester courses in allied fields. Honors in fine arts will include the foregoing with the addition of Fine Arts 79-80. Fine Arts 21-22 is normally the prerequisite for all advanced courses in the historical aspect of the subject except for Fine Arts 42; and Fine Arts 23-24 is normally the prerequisite for all advanced courses in the technical aspect of the field.

21. Same course as Humanities 21.

22. Same course as Humanities 22.

23. ELEMENTARY TECHNIQUE AND DESIGN. Professor ROGERS.

Design, composition and line and form drawing in pencil, charcoal, crayon, pen and ink, and chalk. One lecture and two two-hour laboratory periods per week. No previous training required. *Elective for Sophomores. First semester.*

24. ELEMENTARY TECHNIQUE AND DESIGN. Professor ROGERS.

Elementary color theory and technique of water color painting. *Requisite: Fine Arts 23. Elective for Sophomores. Second semester.*



## 41. SURVEY OF THE HISTORY OF ART. Professor C. H. MORGAN.

The development of the major arts from the earliest time to the present day, with a special emphasis on the manner in which they reflect the successive civilizations that produced them. Requisite: Fine Arts 21, 22. *Elective for Juniors. First semester. (Omitted 1949-1950.)*

## 42. FOUR GREEK SITES. Professor C. H. MORGAN.

A study of Athens, Corinth, Delphi and Olympia with especial reference to their development and their contribution to the art and culture of classical civilization. *Elective for Juniors. Second semester.*

## 43. EUROPEAN ART OF THE NINETEENTH CENTURY. Professor C. H. MORGAN.

The development of the arts in Europe from the French Revolution until 1875. Requisite: Fine Arts 21-22 or Fine Arts 1-2 (last given in 1947-1948). *Elective for Juniors. First semester.*

## 44. MODERN ART. Professor JUDKINS.

An inquiry into the modern movement in art: its causes, its problems, and its values. This study will include developments in painting, sculpture and architecture since the mid-19th century. Requisite: Fine Arts 21-22 or Fine Arts 1-2 (last given in 1947-1948). *Elective for Juniors. Second semester.*

## 45. AMERICAN ART. Professor C. H. MORGAN.

American architecture, sculpture and painting in America from the 17th century to the present day. Requisite: Fine Arts 21-22. *Elective for Juniors. First semester. (Omitted 1949-1950.)*

## 47. ADVANCED TECHNIQUE AND DESIGN. Professor JUDKINS.

The theory and practice of representation, pictorial design, and color composition in painting, with some consideration of the pictorial modes of the past. The laboratory work will be developed primarily in the oil medium. Requisite: Fine Arts 23-24 (Fine Arts 15-16 in 1947-1948) or its equivalent. *Elective for Juniors. First semester.*

## 48. ADVANCED TECHNIQUE AND DESIGN. Professor JUDKINS.

A continuation of Fine Arts 47. Requisite: Fine Arts 47. *Elective for Juniors. Second semester.*

## 50. RENAISSANCE ART. Professor JUDKINS.

A progressive and comparative study of European painting, north and south, from the 15th through the 17th centuries, with an emphasis upon

the greater names in the cycle. Requisite: Fine Arts 21-22. *Elective for Juniors. Second semester. (Omitted 1949-1950.)*

79, 80. SPECIAL STUDIES FOR STUDENTS MAJORING IN FINE ARTS.

### *French*

Professors ATKINSON, FUNNELL, TURGEON and WILLIAMS; Associate Professor FRENCH; Assistants ASTIER, DANIÈRE, FOURRÉ and THOMAS.

*Note: Major with Honors.* The honors major consists primarily in a program of extensive reading in the major authors of the last four centuries, and is intended also to provide a general knowledge of the development of French literature since the end of the Middle Ages. Candidates will normally take the courses numbered 7 (or 8), 10, 41, 42, 43, 79, 80, and one other course in French literature. In exceptional cases and with the consent of the Department, a related course in another department may be substituted for the eighth course in French. All course elections are made in consultation with a representative of the Department, and the course program may be adjusted in special cases. No thesis is required, but the work of courses 79 and 80 will include several written papers. At the end of the final semester each candidate will take two three-hour examinations, one consisting mainly of essay questions (to one of which the answer must be written in French), the other involving critical interpretation of text. Recommendations for the various grades of degree with honors will be made on the basis of (1) the honors examinations, (2) the student's work in courses 79 and 80, (3) his general average in all his work in the Department.

*Major for students not candidates for the degree with honors.* The major must include eight courses, not counting courses 1 and 3. Two of these eight courses may be approved related courses outside the Department. These requirements begin with the class of 1951; adjustments will be made for other classes.

*Combined major in two languages.* For a student whose primary language is French, the major must include five courses in French, not counting courses 1, 3 and 5; in the second language it must include three courses, of which at least one must be a course in literature.

*Requirement for Sophomores in Humanities.* The following courses are approved as satisfying the Humanities requirement in sophomore year: French 7, 8, 23, 24, 25, 26, 41, 42.

1. ELEMENTARY COURSE. Professor TURGEON and Messrs. ASTIER, FOURRÉ and THOMAS.

Grammar, pronunciation, oral practice. Three hours per week for explanation and demonstration, four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. INTERMEDIATE COURSE. Professors FRENCH and FUNNELL and Messrs. ASTIER, DANIÈRE and FOURRÉ.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, three hours per week in small sections for drill in aural comprehension of the language. *Elective for Freshmen. First semester.*

- 3S. INTERMEDIATE COURSE. Professor TURGEON and Messrs. ASTIER, FOURRÉ and THOMAS.

Same description as above. *Elective for Freshmen. Second semester.*

5. ADVANCED COURSE. Professor TURGEON and Messrs. ASTIER, DANIÈRE, FOURRÉ and THOMAS.

Reading and analysis of selected texts. Three hours per week for explanation and demonstration, three hours per week in small sections for oral practice and discussion. Stress is placed on the acquisition of aural comprehension of the language and on oral drill. Conducted as far as possible in French. *Elective for Freshmen. First semester.*

- 5S. ADVANCED COURSE. Professor FRENCH and Messrs. ASTIER, DANIÈRE and FOURRÉ.

Same description as above. *Elective for Freshmen. Second semester.*

7. INTRODUCTION TO FRENCH LITERATURE BEFORE THE REVOLUTION. Professor FUNNELL.

Reading and discussion of selected texts. This course is conducted as far as possible in French. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. First semester.*

8. INTRODUCTION TO FRENCH LITERATURE SINCE THE REVOLUTION. Professor TURGEON.

Reading and discussion of selected texts. This course is conducted as far as possible in French. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. Second semester.*

10. ADVANCED COMPOSITION AND CONVERSATION. (French 8 in 1948-1949.) Professor ATKINSON and Assistants.

Practice in free composition and in set translation into French; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of French for further study or for teaching the language. Three hours per week of composition and two hours per week of conversation. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. Second semester.*

- 21, 22 READING COURSE. Professor WILLIAMS.

A year course open to those who have already satisfied their language requirement in another language and who desire a reading knowledge of French. *Elective for Sophomores. First and second semesters.*

23. ROMANTICISM. Professor WILLIAMS.

An attempt to discover the meaning of Romanticism in its various aspects. A study of the works of authors such as Chateaubriand, Dumas père, Hugo, Musset, Stendhal. Requisite: French 7 or 104 or 16 or a C in French 6. *Elective for Sophomores. First semester.*

24. REALISM AND NATURALISM. Professor WILLIAMS.

The growth and influence of materialism, positivism, determinism; the importance of science; the errors of naturalism. A study of the works of Balzac, Flaubert, Zola, etc. Requisite: French 7 or 104 or 16 or a C in French 6. *Elective for Sophomores. Second semester.*

25. FRENCH LYRIC POETRY. Professor ATKINSON.

Reading of a few poems by such early poets as François Villon, Ronsard, du Bellay, Chénier. A more thorough reading of chief poets of the Romantic, Parnassian and Symbolist schools of the Nineteenth Century. Requisite: French 7. *Elective for Sophomores. First semester. (Omitted 1949-1950.)*

26. READINGS IN FRENCH LITERATURE SINCE THE END OF THE NINETEENTH CENTURY. Professor FUNNELL.

Principal emphasis on prose fiction: Proust, Gide, Romain, Malraux and others. Some consideration of the development of French poetry since the Symbolists. Requisite: French 7. *Elective for Juniors and Sophomores. (Omitted 1949-1950.)*

41. RATIONALIST WRITERS OF THE EIGHTEENTH CENTURY. Professor ATKINSON.

At least two of the major figures: Voltaire, Montesquieu, Diderot and

Rousseau are read. Minor writers of this period may be assigned to individual students for term papers or class reports. Requisite: French 7 or 104 or 16. *Elective for Juniors and for Sophomores with the consent of the instructor. First semester.*

42. FRENCH RATIONALISM IN THE SIXTEENTH CENTURY. Professor ATKINSON.

This course deals with such writers as Rabelais, Montaigne, Descartes and Pascal. Requisite: French 7 or 104 or 16. *Elective for Juniors and for Sophomores with the consent of the instructor. Second semester.*

43. FRENCH CLASSICISM. Professor TURGEON.

A study of French classicism with special emphasis on the drama of Corneille, Racine and Molière. Requisite: French 7 or 104 or 16. *Elective for Juniors. First semester.*

44. ADVANCED READINGS IN FRENCH LITERATURE. Professor TURGEON.

The content of this course is determined each year by the instructor in charge. Requisite: French 7 or 104 or 16. *Elective for Juniors. Second semester.*

79. CONFERENCE COURSE FOR SENIORS.

*First semester.*

80. CONFERENCE COURSE FOR SENIORS.

*Second semester.*

## Geology

Professor BAIN; Associate Professor WOOD; Mr. CHENOWETH

*Note:* A major in geology consists of three courses in related subjects approved by the Department and five courses in geology, including Geology 21-22, Geology 79 or 80, and one of the following to complete a sequence: Geology 44, 45, 46, 49, or 56. Science 21-22 or Science 23-24 are considered as courses in related subjects provided the work was completed with a grade of 80. The third related course will be in that field of biology, chemistry or physics advantageous to satisfactory progress in Geology 79-80.

A student may declare his intention to major in geology at any time up to the beginning of his sixth semester. At that time he must arrange

to complete a sequence that will enable him to present an original thesis based on work in conjunction with Geology 79-80.

Attention of students, intending to proceed to graduate school, is drawn to the requirement by most institutions that an applicant take the graduate record examination and that the candidate for an advanced degree have a reading knowledge of French and German. A thorough knowledge of Geology 21-22, 23-24 will afford coverage for 85% of the graduate record examination; the first three semesters should be completed with a grade of B before applying to take this test.

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#### 21. PRINCIPLES OF GEOLOGY. Professor BAIN.

An introductory study of processes modifying the surface form and internal structure of the earth, the historical development of the science, and the historical evolution of land areas and life. Four hours classroom and two hours laboratory work per week. Laboratory will be held in the field when weather permits. Requisite for all courses in the department except Mineralogy. *Elective for Sophomores. First semester.*

#### 21S. PRINCIPLES OF GEOLOGY. Professor BAIN.

Same description as above. *Elective for Sophomores. Second semester. Offered only upon request of ten or more students.*

#### 22. HISTORICAL GEOLOGY. Mr. CHENOWETH.

The history of the development of the continents, the succession of plants and animals, and the evolution of life during the geologic past. Four hours classroom and two hours laboratory work per week. Requisite: Geology 21. *Elective for Sophomores. Second semester.*

#### 23. MINERALOGY. Professor BAIN.

A study of recognition, formation, occurrence, and use of crystals and minerals, and an introduction to the nature of crystalline matter. Three hours classroom and four hours laboratory work per week. *Elective for Sophomores. First semester.*

#### 23S. MINERALOGY. Professor BAIN.

Same description as above. *Elective for Sophomores. Second semester. (Offered only upon request of four or more students from Geology 21 or Science 21.)*



24. PETROLOGY. Professor BAIN.

A study of the natural history of rocks and their identification. Three hours classroom and four hours laboratory work per week. Requisite: Geology 23. *Elective for Sophomores. Second semester.*

26. REGIONAL GEOLOGY AND GEOGRAPHY. Professor BAIN.

A study of the development of the principal features in scenery, the rocks, the structure of the continents. The resources and the capacity to support a population are introduced as topics for individual investigation. Offered in alternate years beginning 1949-1950. Four hours classroom and two hours laboratory work per week. Requisite: Geology 21 or Science 23-24 with a grade of B. *Elective for Juniors. Second semester.*

44. PRINCIPLES OF STRATIGRAPHY. Mr. CHENOWETH.

A study of the features of modern sediments and the interpretation of sedimentary rocks. The occurrence of resources in stratified rocks, including fuels, fertilizers, and building materials. Offered in alternate years. Three hours classroom and four hours laboratory work per week. Requisite: Geology 22 and 23. *Elective for Juniors. Second semester. (Omitted 1949-1950.)*

45. MINERAL DEPOSITS. Professor BAIN.

A study of the origin and distribution of bodies that contain minerals essential to modern industrial life. Three hours classroom and four hours laboratory work per week. Requisite: Geology 23, 24. *Elective for Juniors. First semester.*

46. WORLD RESOURCES. Professor BAIN.

An investigation into supplies of materials from the earth available to man and the average requirement per person for each. Land acreage, water power, and mineral resources are studied in detail. Given in alternate years. Three hours classroom, one discussion period, and two hours laboratory work per week. Requisite: Geology 21 and either 22 or 26. *Elective for Juniors. Second semester. (Omitted 1949-1950.)*

49. INVERTEBRATE PALEONTOLOGY. Mr. CHENOWETH.

The identification, interrelationships, occurrence, and uses of fossil invertebrate animals and plants. Offered in alternate years beginning 1949-1950. Three hours classroom and four hours laboratory work per week. Requisite: Geology 22. *Elective for Juniors. First semester.*



## 56. VERTEBRATE PALEONTOLOGY. Professor WOOD.

The evolution of vertebrates as shown by the study of fossils, and the relationship of environment to evolution. Three hours classroom and four hours laboratory work per week. (Same course as Biology 56) Requisite: Geology 22. *Elective for Juniors. Second semester.*

## 79, 80. CONFERENCE COURSE. Professors BAIN, WOOD and Mr. CHEN-OWETH.

Special investigation of one or more topics in mineral deposits, structural geology, stratigraphy, paleontology, or world resources. Requisite: The background courses in the Department. *Elective for Seniors.*

### *German*

Professors MANTHEY-ZORN and SCENNA;

Assistant Professor PEPPARD;

Assistants Mrs. BREUSCH and SCHULENBURG.

*Note:* The following courses may be used to satisfy the Humanities requirement in sophomore year: German 7, 21, 22.

*Major:* A major *rite* in German consists of eight courses, two of which may be related courses outside the Department. The following courses count toward the major: German 5, 7, 21, 22, 23, 42, 43, 44, 79, 80.

*Honors:* The aim of honors work in German is to offer the candidate the opportunity

- a) To explore a chosen field or fields through a more extensive program of readings than is possible in course work
- b) to organize material for himself along historical or analytical lines, usually in the form of a thesis or essay
- c) to acquire a general view of the history and development of German, either as language or literature.

The goal of this work is not necessarily to produce graduate students, unless a candidate has definitely decided upon doing graduate work. The program of the senior year is organized on the basis of individual conferences, in which the candidate benefits from personal attention.

Each candidate will present a thesis or essay on an approved topic. It may deal critically with the work of a specific author; it may treat the development of an idea in historical form; it may be a study of some particular literary form.

Each candidate will take, early in May, a written general examination on the history of German literature, which will also include questions in his

chosen field. The result of this examination together with the excellence of the thesis or essay will determine the degree of honors for which the Department will recommend the candidate.

Candidates for the degree with honors should elect German 21, 22, 43, 44, 79, 80. They are urged to study one other ancient or modern foreign language.

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1. ELEMENTARY COURSE. Professor SCENNA.

Grammar, pronunciation, oral practice. This course will meet three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. INTERMEDIATE COURSE. Professor PEPPARD.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course will meet three hours per week for explanation and demonstration, and three hours per week in small sections for drill in aural comprehension of the language. Assignment to this course will be made on the basis of the score in the CEEB Achievement Test. *Elective for Freshmen. First semester.*

3S. INTERMEDIATE COURSE. Professor PEPPARD.

Same description as above. Requisite: German 1, or its equivalent. *Elective for Freshmen. Second semester.*

5. ADVANCED COURSE. Professor MANTHEY-ZORN.

Reading and analysis of selected texts. This course will meet three hours per week for demonstration and explanation, and three hours per week in small sections for oral practice and discussion. Stress will be placed on the acquisition of aural comprehension of the language and oral drill. Conducted as far as possible in German. Requisite: A satisfactory score in the CEEB Achievement Test, or German 3, or the equivalent. *Elective for Freshmen. First semester.*

*Note:* Freshmen will be assigned to German 1, German 3, or German 5 on the basis of the score in the CEEB Achievement Test and previous training.

5S. ADVANCED COURSE. Professor MANTHEY-ZORN.

Same description as above. Requisite: German 3 or its equivalent. *Second semester.*

## 7. INTRODUCTION TO GERMAN LITERATURE. Professor PEPPARD.

Reading and discussion of selected literary texts. This course will be conducted as far as possible in German. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. First semester.*

## 7S. INTRODUCTION TO GERMAN LITERATURE. Professor PEPPARD.

Same description as above. Requisite: Satisfaction of the language requirement, including satisfaction of the requirement at the end of the first semester. *Elective for Freshmen. Second semester.*

## 21. THE AGE OF GOETHE. Professor SCENNA.

A study of the development of German literature, particularly as reflected in the works of Goethe, excluding *Faust*. Selected readings in other authors of the period. Lectures, essays and assigned readings. Requisite: German 7 or the consent of the instructor. *Elective for Sophomores. First semester. (Omitted 1949-1950.)*

## 22. FAUST. Professor MANTHEY-ZORN.

*Faust*, Parts I and II. Study of the Faust legend and assigned readings. Requisite: German 7 or the consent of the instructor. *Elective for Freshmen. Second semester.*

## 23. ADVANCED COMPOSITION AND CONVERSATION. Professor SCENNA.

Practice in free composition and set translation into German; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of German for further study or for teaching the language. Offered every other year. Requisite: The consent of the instructor. *Elective for Sophomores. First semester.*

## 42. GERMAN LITERATURE OF THE NINETEENTH CENTURY. Professor SCENNA.

Major developments in German prose, poetry and drama since the age of Goethe, with some attention to the contemporary literary scene. Readings, reports and discussions. Requisite: German 21, or German 22, or the consent of the instructor. *Elective for Juniors. Second semester. (Omitted 1949-1950.)*

## 43. STUDIES IN GERMAN CULTURE I. Professor MANTHEY-ZORN.

Assignment of individual problems or readings in fields of special interest. Requisite: German 22 or the consent of the instructor. *Elective for Juniors. First semester.*

## 44. STUDIES IN GERMAN CULTURE II. Professor MANTHEY-ZORN.

Assignment of individual problems or readings in fields of special interest. Requisite: German 22, or German 41, or the consent of the instructor. *Elective for Juniors. Second semester.*

## 79-80. HONORS COURSE FOR SENIORS. The Department.

*History*

Professors PACKARD, SALMON and SHERMAN;  
Associate Professors HAVIGHURST and ROZWENC;  
Assistant Professor KRANZBERG; Messrs. J. A. SCOTT, W. P. SCOTT  
and WALLER.

*Note:* A major in history will consist of six semester courses in history in addition to the required sequence courses (History 1-2 and American Studies 21-22) of the freshman and sophomore years.

Candidates for honors in history must take, in addition to the social science sequences of the freshman and sophomore years, six semester courses in the Department. These courses will include the conference courses in Junior Honors and Senior Honors. Those concentrating in the American field may pursue a major in American Studies, or they may follow a program of study under the direction of the History Department. In the junior year candidates will take one written and one oral examination and in the senior year two written examinations and one oral. Emphasis is placed on individual work by the students in the presentation of seminar reports and in the writing of an honors thesis in the second semester of senior year.

History 23-24 will satisfy the Sophomore Humanities Sequence.

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1. THE DEVELOPMENT OF WESTERN CIVILIZATION: A SURVEY OF EUROPEAN HISTORY AND AN INTRODUCTION TO THE SOCIAL STUDIES. Professors PACKARD, SHERMAN, HAVIGHURST, and KRANZBERG, and Messrs. J. A. SCOTT and W. P. SCOTT.

Lectures, 3 hours; section meetings, 1 hour. *Required for Freshmen. First semester.*

2. THE DEVELOPMENT OF WESTERN CIVILIZATION: A SURVEY OF EUROPEAN HISTORY AND AN INTRODUCTION TO THE SOCIAL STUDIES. Pro-

fessors PACKARD, SHERMAN, HAVIGHURST, and KRANZBERG, and Messrs. J. A. SCOTT and W. P. SCOTT.

Lectures, 3 hours; section meetings, 1 hour. Requisite: History 1. *Required for Freshmen. Second semester.*

21. LATIN AMERICA. Professor SALMON.

*Elective for Sophomores. First semester. (Omitted 1949-1950.)*

22. LATIN AMERICA. Professor SALMON.

*Elective for Sophomores. Second semester. (Omitted 1949-1950.)*

23. CLASSICAL CIVILIZATION. Professor SHERMAN.

A study of the civilization of Greece from Homer to Alexander and its contributions to Western Civilization in economics, law, science, literature and philosophy. Readings from Greek literature with special reference to Greek drama. *Elective for Sophomores. First semester.*

24. CLASSICAL CIVILIZATION. Professor SHERMAN.

A study of the Hellenistic and Roman Empires and their contributions to Western Civilization in economics, politics, law, science, literature and philosophy. Readings from Greek and Latin literature. *Elective for Sophomores. Second semester.*

25. THE MIDDLE AGES. Professor SALMON.

A study of institutional and intellectual developments in Europe from the end of the Roman Empire through the fifteenth century. *Elective for Sophomores. First semester.*

26. THE MIDDLE AGES. Professor SALMON.

A continuation of History 25. Requisite: History 25. *Elective for Sophomores. Second semester.*

41. RUSSIA. Professor SALMON.

General history of Russia and the Slavs, with emphasis upon recent political and economic developments. *Elective for Juniors. First semester.*

42. RUSSIA. Professor SALMON.

A continuation of History 41. *Elective for Juniors. Second semester.*

43. EUROPE IN THE NINETEENTH CENTURY. Professor KRANZBERG.

An analysis of European civilization from 1815 to 1914. *Elective for Juniors. First semester.*

44. EUROPE IN THE NINETEENTH CENTURY. Professor KRANZBERG.

A continuation of History 43. Requisite: History 43. *Elective for Juniors. Second semester.*

45. THE FAR EAST. INDIA AND THE INDIES. Professor PACKARD.

*Elective for Juniors. First semester.*

46. THE FAR EAST. CHINA AND JAPAN. Professor PACKARD.

A continuation of History 45. Requisite: History 45. *Elective for Juniors. Second semester.*

47. EUROPE IN THE AGE OF LOUIS XIV. Professor PACKARD.

*Elective for Juniors. First semester. (Omitted 1949-1950.)*

48. EUROPE IN THE AGE OF LOUIS XIV. Professor PACKARD.

*Elective for Juniors. Second semester. (Omitted 1949-1950.)*

49. TWO WORLD WARS. Professor PACKARD.

*Elective for Juniors. First semester. (Omitted 1949-1950.)*

50. TWO WORLD WARS. Professor PACKARD.

*Elective for Juniors. Second semester. (Omitted 1949-1950.)*

51. CONSTITUTIONAL AND LEGAL HISTORY OF ENGLAND. Professor HAVIGHURST.

*Elective for Juniors. First semester. (Omitted 1949-1950.)*

- 52S. MODERN ENGLAND. Professor HAVIGHURST.

Political and social history of England and the British Empire from 1688 to the present. *Elective for Juniors. First semester.*

53. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. Professor ROZWENC.

*Elective for Juniors. First semester. (Omitted 1949-1950.)*

54. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. Professor ROZWENC.

*Elective for Juniors. Second semester. (Omitted 1949-1950.)*

55. THE FRENCH REVOLUTION. Professor SALMON.

*Elective for Juniors. First semester. (Omitted 1949-1950.)*



## 56. THE AGE OF NAPOLEON. Professor SALMON.

*Elective for Juniors. Second semester. (Omitted 1949-1950.)*

## 57. HISTORY OF POLITICAL THOUGHT. Professor SHERMAN.

A study of the development of political thought in the West from the Greeks to Rousseau. (Same course as Political Science 57.) *Elective for Juniors. First semester.*

## 59. AMERICAN POLITICAL HISTORY. Professor ROZWENC.

This course will attempt an integrated analysis of definable political periods in the agrarian age of American development. Such political periods as the Revolutionary Era, the Federalist Era, Jeffersonian Democracy, Republican Nationalism, and Jacksonian Democracy will be studied with emphasis on the leading political ideas examined in relation to the actual institutional and legislative developments in the federal and state governments. *Elective for Juniors. First semester.*

## 60. AMERICAN POLITICAL HISTORY. Professor ROZWENC.

The same method as in History 59 will be applied to political periods in the recent industrial era of our history, such as the period of business domination of politics, the Progressive Era, Republican Reaction and the New Deal. *Elective for Juniors. Second semester.*

## 61. AMERICAN COLONIAL HISTORY. Mr. WALLER.

*Elective for Juniors. First semester.*

## 62. AMERICAN DIPLOMATIC HISTORY. Mr. WALLER.

*Elective for Juniors. Second semester.*

## 64. THE RENAISSANCE. Mr. J. A. SCOTT.

*Elective for Juniors. Second semester.*

## 69. CONFERENCE COURSE. JUNIOR HONORS. The Department.

*Elective for Juniors. First semester.*

## 70. CONFERENCE COURSE. JUNIOR HONORS. The Department.

Requisite: History 69. *Elective for Juniors. Second semester.*

## 79. CONFERENCE COURSE. SENIOR HONORS. The Department.

*Elective for Seniors. First semester.*

## 80. CONFERENCE COURSE. SENIOR HONORS. The Department.

Requisite: History 79. *Elective for Seniors. Second semester.*



*Humanities*

1. HUMANITIES. Professors WHICHER, ATKINSON, LAMPRECHT, FUNNELL (chairman), SCENNA, FRENCH, MARTIN, FEW and MOORE, and Messrs. CLAUSEN, HUSTON, J. A. SCOTT, and W. P. SCOTT.

A reading course: fairly rapid reading both for understanding and for enjoyment. The course is intended to serve as a contribution to the student's general education, and the books are chosen to illustrate certain important stages in the development of Western culture. The reading list varies somewhat from year to year, but in general this semester is given over largely to Greek literature and to the Old Testament. The course is conducted in small sections: class discussions, short papers, occasional lectures. Two hours per week. *Required for Freshmen. First semester.*

2. HUMANITIES. Professors WHICHER, ATKINSON, LAMPRECHT, FRENCH, MARTIN, FEW and MOORE, and Messrs. CLAUSEN, HUSTON, J. A. SCOTT, and W. P. SCOTT.

A continuation of Humanities 1. The reading list for this semester includes in general works selected from the medieval, Renaissance and modern periods. Three hours per week. Requisite: Humanities 1. *Required for Freshmen. Second semester.*

21. AN INTRODUCTION TO MUSIC, FINE ARTS AND DRAMA. Professors CANFIELD, C. MORGAN, V. MORGAN, JUDKINS, MCGOUN, MISHKIN and ROGERS.

A presentation of the vocabulary, methods and materials of creative expression in music, fine arts and drama. This course and Humanities 22 are normally requisite for all other courses in dramatic arts and for several courses in fine arts and in music. Three lectures and one laboratory period per week. *Elective for Sophomores. First semester.*

22. AN INTRODUCTION TO MUSIC, FINE ARTS AND DRAMA. Professors JOHNSTON, C. MORGAN, V. MORGAN, JUDKINS, MCGOUN, MISHKIN and ROGERS.

A continuation of Humanities 21. The technical background acquired in Humanities 21 is used in a study of the arts in the Periclean Age, the Age of the Church, the Period of Humanism and the Nineteenth Century. The last four weeks of the course are devoted to a close examination of the work of the three contemporary artists: Rodin, Brahms and Ibsen. Emphasis is placed on the integration of the arts and of the arts with their times. Requisite: Humanities 21. Three lectures and one laboratory period per week. *Elective for Sophomores. Second semester.*

## *Italian*

Professor FRENCH

### 1. ELEMENTARY COURSE. Professor FRENCH.

Grammar, pronunciation, oral practice. Three hours per week for explanation and demonstration, four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

### 3S. INTERMEDIATE COURSE. Professor FRENCH.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, three hours per week in small sections for drill in aural comprehension of the language. *Elective for Freshmen. Second semester.*

### 7. INTRODUCTION TO ITALIAN LITERATURE. Professor FRENCH.

Reading and discussion of literary texts selected to illustrate various types of reading. Five hours per week. Conducted as far as possible in Italian. Requisite: Satisfaction of the language requirement or Italian 3. *Elective for Freshmen. First semester. (Omitted 1949-1950.)*

### 22. DANTE. Professor FRENCH.

A reading of the *Inferno* and of parts of the *Purgatorio* and *Paradiso*. Special study of the social and political background of the work. Requisite: Italian 7. Given in alternate years. *Elective for Sophomores. Second semester. (Omitted 1948-1949. Given in first semester, 1949-1950.)*

### 24. THE RENAISSANCE. Professor FRENCH.

Origins in Boccaccio's *Decamerone* and in Petrarch's *Canzoniere*. Reading of Cellini's *Vita*, Castiglione's *Cortegiano* and Machiavelli's *Principe* with a study of the social background of the fifteenth and sixteenth centuries in Italy. Requisite: Italian 7. *Elective for Sophomores. Second semester. (Omitted 1949-1950.)*

## *Legal Studies*

Professors LATHAM and LOEWENSTEIN; Associate Professors  
HAVIGHURST and ZIEGLER

### 25. AMERICAN CONSTITUTIONAL DEVELOPMENT. Professor ZIEGLER.

A study of leading constitutional principles in the United States as interpreted by the courts. Attention is focused on a series of problems (due

process, commerce, etc.) and the court cases examined and analyzed against the background of history, politics, economics, and personality surrounding them and out of which they grew. Designed for students who desire a non-technical knowledge of the more important federal and state constitutional principles in the United States. (Same course as Political Science 25.) Requisite: Political Science 21. *Elective for Sophomores. First semester.*

42. ADMINISTRATIVE LAW. Professor LATHAM.

An introduction to the American system of legal control exercised by other law administering agencies than the courts, with special reference to doctrines developed by the Interstate Commerce Commission, Securities and Exchange Commission, Federal Trade Commission, and the National Labor Relations Board. The course deals with the formulation of legislative purposes and administrative policies; administrative and judicial responsibility for the enforcement of agency programs; and the nature and extent of judicial control over administrative action. (Same course as Political Science 42.) *Elective for Juniors. Second semester.*

44. INTERNATIONAL LAW. Professor ZIEGLER.

The historical basis and present trends in the development of international law will be discussed and related to the social, economic, and political aspects of present day world politics and government. (Same course as Political Science 44.) *Elective for Juniors. Second semester.*

51. CONSTITUTIONAL AND LEGAL HISTORY OF ENGLAND. Professor HAVIGHURST.

Growth of Common Law; evolution of Parliament; development of limited monarchy. (Same course as History 51.) *Elective for Juniors. First semester.*

73-74. INTRODUCTION TO JURISPRUDENCE. Professor LOEWENSTEIN.

A critical examination of the origin, concept and ends of the law; the prominent legal concepts and schools of jurisprudence, and the prevailing forms of the legislative and judicial process, including a comparative analysis of the major systems of law. The course will stress the importance of law and justice as a part of human culture. Requisite: The consent of the instructor. (Same course as Political Science 73-74.) *Elective for Seniors. First and second semesters. (Omitted 1949-1950.)*

## *Mathematics*

Professors BROWN and SPRAGUE; Associate Professor BREUSCH; Messrs.  
EELLS and GOOD

*Note:* A major in mathematics must elect 3, 23, 31, 32. All mathematics courses except 1-2 give major credit.

In addition to the general college requirements, a degree with honors is awarded on the basis of accomplishment in the courses in mathematics required for a major, in the conference course, and in any additional courses prescribed by the Department.

The content of the conference course varies from year to year. Topics that have been or may well be given are Complex Variable, Abstract Algebra, Classical Algebra, Algebraic Geometry, Differential Geometry and Topology.

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1. Same course as Science 1A, 1B.

2. Same course as Science 2A, 2B.

3. CALCULUS. Professor BROWN.

Continuous functions, differentiation and integration of trigonometric and logarithmic functions and their inverses, curvature, curvilinear motion, curve tracing, theorem of mean value, formal integration, infinite series, simple partial differentiation. Requisite: Science 1 or its equivalent. *Elective for Freshmen. First semester.*

3S. CALCULUS. Mr. EELLS.

Same description as above. *Elective for Freshmen. Second semester.*

23. DIFFERENTIAL EQUATIONS. Mr. EELLS.

Treatment of ordinary differential equations with principal types of first and second order equations, linear equations with constant coefficients, simultaneous equations. Simple partial differential equations. Applications to geometry, physics and other branches of science. Requisite: Mathematics B or 16 or 3. *Elective for Sophomores. First semester.*

23S. DIFFERENTIAL EQUATIONS. Mr. EELLS.

Same description as above. *Elective for Sophomores. Second semester.*

31. ADVANCED CALCULUS. Professor BREUSCH.

Brief treatment of determinants and solid analytic geometry, partial dif-

ferentiation, implicit function theory, elements of vector analysis with applications. Requisite: Mathematics B or 16, or 3. *Elective for Sophomores. First semester.*

32. ADVANCED CALCULUS. Professor BREUSCH.

Multiple integrals, line and surface integrals, transformation of integrals, Fourier series, complex functions. Requisite: Mathematics 31. *Elective for Sophomores. Second semester.*

41. STATISTICS. Professor SPRAGUE.

General survey of practical applications to economic and scientific problems covering measures of central tendency and variability, correlation, probability and frequency distributions, sampling distributions. Requisite for class of 1950: One semester of Mathematics; for 1951: Science 101-102. *Elective for Juniors. First semester.*

44. MODERN MATHEMATICS. Professor BROWN.

A few simple mathematical systems of current interest will be constructed and studied. An exercise in the postulational method. *Elective for Juniors. Second semester.*

46S. THEORY OF EQUATIONS. Mr. EELLS.

Polynomials, the division transformation, Euclid's algorithm, Horner's method, Sturm functions, solution of the cubic and quartic equations, mathematical induction, complex numbers, determinants, symmetric functions, the resultant, introduction to matrices.

Requisite: Mathematics 3 or its equivalent. *Elective for Juniors. First semester.*

79. CONFERENCE COURSE. Mr. GOOD.

*Elective for Seniors. First semester.*

80. CONFERENCE COURSE. Mr. GOOD.

*Elective for Seniors. Second semester.*

## Music

Professor V. MORGAN; Associate Professor MISHKIN

*Note:* There are two programs available for students majoring in music:

1. The music major which does not include applied music consists of five required semester courses and three other semester courses offered by

the Department. The required courses are: Humanities 21-22, Music 23-24 and Music 41.

2. Since a minimum of four semester courses in applied music is expected, a music major which includes applied music will consist of nine rather than the usual eight semester courses. The following courses are all required: Humanities 21-22, Music 23-24, Music 41, and two years of Music 29-30.

An individual program will be arranged for each candidate for the degree with honors in music at the beginning of junior year. Concentration may be in advanced theory, music history or applied music. All honors candidates must elect Music 79-80 and, late in the final semester of senior year, they will be required to take a comprehensive oral examination. Other examinations, essays or recitals will be arranged according to the individual's program.

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21. Same course as Humanities 21.

22. Same course as Humanities 22.

23. ELEMENTARY THEORY. Professor MISHKIN.

A study of the rhythmic, melodic, and harmonic organization of musical tones with emphasis on the harmonic idiom of the eighteenth century. Writing in four parts; analysis; ear training; keyboard harmony. Triads and their inversions, non-harmonic tones, writing in the style of the Bach chorales. Limited to fifteen students. Requisite: Ability to play all written work. *Elective for Sophomores. First semester.*

24. ELEMENTARY THEORY. Professor MISHKIN.

A continuation of Music 23. Seventh chords, secondary dominants, elementary phrase construction. Limited to fifteen students. Requisite: Music 23. *Elective for Sophomores. Second semester.*

29. APPLIED MUSIC.

Courses are offered in the following branches of applied music: piano, organ, violin, viola, violoncello. These courses may be elected by a limited number of students who satisfy the department, at an audition, that they are prepared to undertake the study of solo music literature of artistic worth. Students will normally be expected to begin their college work in applied music as freshmen or sophomores and to continue this study for two years. Credit will be granted according to the following schedule: one year, credit for one semester course; two years, credit for



four semester courses. Under exceptional circumstances a student may, with the permission of the Dean, elect a third year for which one additional semester course credit will be granted.

Students of piano and organ have one hour of private instruction per week and are required (a) to participate in a weekly session of ensemble playing, (b) to practice a minimum of nine hours per week, and (c) to elect Humanities 21-22, Music 23-24, or Music 41 in sophomore or junior year.

Students of string instruments have one hour of private instruction per week and are required (a) to attend the weekly rehearsal of the Smith College Orchestra, (b) to practice a minimum of nine hours per week, and (c) to elect Humanities 21-22, Music 23-24, or Music 41 in sophomore or junior year.

Private instruction will be given by members of the Department of Music of Smith College. A fee of \$50 per semester will be charged to cover this special type of instruction. *Elective for Sophomores and qualified Freshmen with the consent of the Department. First semester.*

### 30. APPLIED MUSIC.

A continuation of Music 29. *Elective for Sophomores and qualified Freshmen with the consent of the Department. Second semester.*

### 41. SURVEY OF MUSICAL LITERATURE. Professor MISHKIN.

The development of musical style from 1000 A.D. to the present. Requirement: Humanities 21-22 or the consent of the Department. *Elective for Juniors. First semester.*

### 42. BACH AND HIS PREDECESSORS. Professor MISHKIN.

The Bach style studied in relation to the development of music from 1600. Requirement: Humanities 21-22 or the consent of the Department. *Elective for Juniors. Second semester. (Omitted 1950-1951.)*

### 43. THE VIENNESE CLASSICISTS. Professor V. MORGAN.

The chamber and orchestral music of Haydn, Mozart and Beethoven. Requirement: Humanities 21-22 or the consent of the Department. *Elective for Juniors. First semester. (Omitted 1949-1950.)*

### 44. MUSIC IN THE NINETEENTH CENTURY. Professor V. MORGAN.

Romanticism and post-romanticism: a study of vocal and symphonic music from Schubert to Debussy. Requirement: Humanities 21-22 or the consent of the Department. *Elective for Juniors. Second semester. (Omitted 1949-1950.)*



## 46. THE OPERA. Professor V. MORGAN.

The development of the musical drama with emphasis on a detailed study of operatic types. Representative works by Mozart, Verdi and Wagner. Requisite: Humanities 21-22 or the consent of the Department. *Elective for Juniors. Second semester. (Omitted 1950-1951.)*

## 69. CONFERENCE COURSE. The Department.

Studies in chromatic harmony and allied topics. *Elective for qualified Juniors. First semester.*

## 70. CONFERENCE COURSE. The Department.

A continuation of Music 69. *Elective for qualified Juniors. Second semester.*

## 79. CONFERENCE COURSE. The Department.

Studies in advanced theory or history. *Elective for qualified Seniors. First semester.*

## 80. CONFERENCE COURSE. The Department.

A continuation of Music 79. *Elective for qualified Seniors. Second semester.*

## Philosophy

Professors G. KENNEDY and LAMPRECHT; Assistant Professor FEW

*Note:* The courses open to Sophomores: Introduction To Philosophical Literature, Ethics, and Logic, may count towards a major in Philosophy. All majors in Philosophy are required to take Philosophy 43 and 44.

Candidates for the degree with honors in Philosophy will normally take the courses numbered 23, 24, 43, 44, 79, and 80, and will elect their further courses with the approval of the Department. Each candidate will write, in conjunction with the conference courses in the senior year, an original essay on a topic which has been approved by the Department. He will take, early in May of senior year, two written and one oral examinations. One written examination will be on the general history of European and American Philosophy. The other written examination will be on some field of philosophy which the candidate may select, with the approval of the Department—metaphysics and philosophy of science, logic and theory of knowledge, ethics and social philosophy, aesthetics, history and philosophy of religion. The oral examination will be a defense by the candidate of his original essay before a committee of members of the

Philosophy and affiliated Departments. Recommendation for the various degrees of honors will be made by the Department on the basis of the original essay and the three examinations.

Majors and majors with honors may also be taken in the following combined fields:

Philosophy and Classics  
Philosophy and English  
Philosophy and History  
Philosophy and Political Science  
Philosophy and Psychology  
Philosophy and Religion

The selection of courses to constitute such combined majors, the topic for an original essay and the arrangements for comprehensive examinations must in each case be approved by representatives of the two departments concerned. Recommendation for the various degrees with honors will be made by committees composed of members of the two departments concerned.

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21. INTRODUCTION TO PHILOSOPHICAL LITERATURE. Professor LAMPRECHT.

Training in the reading of philosophical literature. In 1949-1950, there will be read and analyzed Plato's *Republic*, selected writings of Bergson, and Hume's *Enquiry Concerning Human Understanding*. This course can be taken to meet part of the sophomore requirement in connection with the Humanities. *Elective for Sophomores. First semester.*

21S. INTRODUCTION TO PHILOSOPHICAL LITERATURE. Professor FEW.

A study will be made of various classical and contemporary authors with a view to developing a philosophy adequate to the present day. This course can be taken to meet part of the sophomore requirement in connection with the Humanities. *Elective for Sophomores. (Second semester.)*

23. LOGIC. Professor FEW.

The science of exact thinking, including a study of the elements of symbolic logic, semantics, and scientific method. *Elective for Sophomores. First semester.*

24. ETHICS. Professor KENNEDY.

The social basis of morality, theory of the moral life, morals and social problems. *Elective for Sophomores. Second semester.*

## 41. PHILOSOPHY OF EDUCATION. Professor KENNEDY.

A comparative and critical study of contemporary theories of education, in terms both of their historical origins and of current problems and controversies. *Elective for Juniors. First semester. (Omitted 1949-1950.)*

## 43. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. Professor LAMPRECHT.

A survey of European philosophy from the early Greeks to the end of the Middle Ages, with emphasis on Plato, Aristotle, and the formation of Christian thought. Reading and discussion of selected works of the period. *Elective for Juniors. First semester.*

## 44. HISTORY OF MODERN PHILOSOPHY. Professor LAMPRECHT.

A survey of European philosophy in the seventeenth, eighteenth, and nineteenth centuries, with emphasis on Descartes, Spinoza, Locke, Hume, and Kant. Reading and discussion of selected works of the period. *Elective for Juniors. Second semester.*

## 47. AMERICAN PHILOSOPHY SINCE 1860. Professor KENNEDY.

The history of ideas in America in relation to changing social and economic conditions. *Elective for Juniors. First semester.*

## 48. SOCIAL AND POLITICAL PHILOSOPHY. Professor FEW.

*Elective for Juniors. Second semester. (Omitted 1949-1950.)*

## 50. PHILOSOPHY OF RELIGION. Professor MARTIN.

(Same course as Religion 50.) *Elective for Juniors. Second semester.*

## 71. REPRESENTATIVE PHILOSOPHERS. Professor FEW.

The first part of the course will consist of a systematic presentation of a philosophy based on contemporary developments in logic and semantics. This will be followed by a critical examination of several standard works. Requisite: Two semester courses in philosophy. *Elective for Seniors. First semester.*

## 72. REPRESENTATIVE PHILOSOPHERS. Professor KENNEDY.

A critical study of not more than three great modern philosophers. Individual reports and essays will be assigned. Requisite: A grade of "B" in two semester courses in philosophy. *Elective for Seniors. Second semester.*

## 79. CONFERENCE COURSE. The Department.

Required of candidates for honors in philosophy. *Elective for Seniors. First semester.*

## 80. CONFERENCE COURSE. The Department.

Required of candidates for honors in philosophy. *Elective for Seniors. Second semester.*

### *Physical Education*

Professors ECKLEY, JORDAN, LUMLEY, and MARSH; Associate Professor RICHARDSON; Assistant Professors GILLESPIE, M. J. KENNEDY, MARAS, ROSTAS, and R. E. WILSON; Messrs. ECK, J. C. ROGERS, and VAN PETERSILGE

Complete physical examination, physical fitness tests, special exercises for remedial defects, and a program of instruction and participation in team games and sports. *Required for Freshmen and Sophomores and men who have not met the department standards in swimming, fitness, team games, and recreational sports.*

### *Physics*

Professors SOLLER and STIFLER;  
Assistant Professors BENSON, FAIRBANK, and HEMOND.

*Note:* A major in physics will require at least six semesters of physics courses beyond Science 1 and 2.

The following courses are considered as essential, and, therefore, will be required: Physics 22, Physics 42, Physics 45-46.

The additional two semesters of physics may be elected from the balance of the physics courses offered.

For honors, in addition to the minimum requirements for a major stated above, the following program of honors work is required:

The aim of honors work in physics is to provide an opportunity for the student to develop his ability and interest in individual investigation, and his skill in experimental techniques. Any student who intends to do graduate work in physics should register for honors work, but the honors program is available to other qualified students as well.

The honors project consists of independent work, under faculty direc-

tion, on some experimental or theoretical problem mutually acceptable to both the student and staff. Experimental equipment is available for work in some phases of magnetism, acoustics, ultrasonics, optics, electronics, X-rays, cosmic rays, and nuclear- and low-temperature physics. The student is given facilities to review the literature in the field, to design, construct and assemble his experimental equipment, and to make observations. During the spring, he is required to present his work in the Physics Seminar, and to prepare a thesis, which is due on May 15th.

In addition, during the latter part of May, the student is required to take comprehensive examinations, both written and oral, to test his grasp of fundamental physical principles.

The departmental recommendation for the various degrees of honors will be based on the student's record in the Department, the honors work, and the comprehensive examinations.

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1. Same course as Science 1A, 1B.

2. Same course as Science 2A, 2B.

22. Same course as 22S. *Second semester.*

22S. INTRODUCTORY COURSE, Professors FAIRBANK and HEMOND.

Supplementary beginning course, covering topics in general physics omitted or treated only briefly in Science 1, 2. Required for all physics majors. Four hours of lectures and class discussions and one laboratory period per week. Requisite: Science 1, 2A; or a grade of B in Science 1, 2B, with some additional summer reading on selected topics. *Elective for Sophomores. First semester.*

41. OPTICS. Professor FAIRBANK.

A basic treatment of the principles of geometrical and physical optics. The use of simple optical systems, prisms, diffraction gratings, spectrographs; the nature of diffraction and interference phenomena. Four hours of lectures and discussions and one laboratory period per week. Requisite: Physics 22. *Elective for Juniors. First semester.*

42S. MECHANICS. Professor BENSON.

A rigorous treatment of selected topics in Newtonian mechanics, covering the dynamics of particles and rigid bodies, gravitation and elementary potential theory, and a brief introduction to elasticity and fluid dynamics.



Vector methods are introduced early in the course and used whenever convenient. Four hours of lectures and discussions per week. Required for all physics majors. Requisite: Mathematics 3, Physics 22, and preferably Mathematics 23. *Elective for Juniors. First semester.*

#### 43S. HEAT AND THERMODYNAMICS. Professor FAIRBANK.

The nature of heat, temperature and its measurement, calorimetry, radiation, the laws of thermodynamics, including applications of these topics to experimental procedures at temperatures near absolute zero, and a brief introduction to statistical mechanics and the kinetic theory of gases. Four hours of lectures and discussions per week. In addition, each student will perform a few advanced experiments during the semester. Requisite: Physics 22 and Mathematics 3. *Elective for Juniors. Second semester (upon sufficient demand).*

#### 45. ELECTRICITY AND MAGNETISM I. Professor STIFLER.

A rigorous treatment of the fundamentals of electrostatics, magnetostatics, and direct current theory, using calculus methods and vector notation when advantageous. Required for all physics majors. Four hours of lectures and problems, and one laboratory period per week. Requisite: Physics 22 and Mathematics 3. *Elective for Juniors. First semester.*

#### 46. ELECTRICITY AND MAGNETISM II. Professor STIFLER.

A continuation of Physics 45, treating magnetic circuits, transient phenomena, fundamentals of alternating current theory, resonance phenomena, and elementary electromagnetic theory. Required for all majors. Four hours of lectures and problems, and one laboratory period per week. Requisite: Physics 45. *Elective for Juniors. Second semester.*

#### 48. ELECTRONICS. Professor SOLLER.

Theory and electrical characteristics of vacuum and gas-filled thermionic tubes, light-sensitive devices, and cathode ray tubes. Elementary analysis of vacuum tube circuits, rectifiers, oscillators, and generators of various types of wave-form. Enrollment in course limited. Four hours of lectures and discussions, and one laboratory period per week. Requisite: Physics 45 and the consent of the instructor. *Elective for Juniors. Second semester.*

#### 71. MODERN PHYSICS. Professor BENSON.

Designed to give the advanced student a coordinated view of the historical and logical development of modern physics from both the experimental and theoretical viewpoints. Topics treated are: electro-

magnetic theory, special relativity, kinetic theory, structure of the atom, and the classical quantum theories of Planck and Bohr. Laboratory work in Physics 71 and 72 will consist of experiments in the fields of spectroscopy, electromagnetic radiation, atomic structure, electronics, X-rays, nuclear physics and cosmic rays. (The laboratory work will not be offered in 1949-1950.) Four hours of lectures and one laboratory period per week. Requisite: Physics 42, 45, 46. *Elective for Seniors. First semester.*

## 72. MODERN PHYSICS. Professor BENSON.

A continuation of Physics 71. Selected topics from the fields of X-rays, modern quantum mechanics, nuclear physics, cosmic rays, and low temperature physics are discussed. Four hours of lectures and one laboratory period per week. (The laboratory work will not be offered in 1949-1950.) Requisite: Physics 71. *Elective for Seniors. Second semester.*

## 73. INTRODUCTION TO MATHEMATICAL PHYSICS. Professor STIFLER.

Advanced dynamics and electromagnetic theory. Four hours of lectures and problems per week. Requisite: Physics 42, 45, 46, Mathematics 23, and preferably advanced calculus, or the special consent of the instructor. *Elective for Seniors. First semester (upon sufficient demand).*

## 79-80. HONORS COURSE.

Individual, independent work on some problem, usually in experimental physics. Reading, consultation and seminars, and laboratory work, to the extent of one-quarter of the student's time. Requisite: At least four semester courses in physics beyond Science 1, 2; one other course in advanced physics to be taken concurrently. *Elective for Seniors. First and second semesters.*

## *Political Science*

Professors LATHAM, LOEWENSTEIN, and SHERMAN;

Associate Professor ZIEGLER;

Mr. WAHLKE

*Note:* A major in political science consists of eight courses in political science, one of which must be 21 or 21S. Two courses may be in related subjects approved by the Department.

The honors program is designed to provide students with guidance through advanced work in political science, with full opportunity for in-



dependent research and writing. In addition to courses 21 (or 21S), 79, and 80, the Department expects that every honors candidate will have selected such courses as will enable him to pass a written comprehensive examination in the following fields: American Government and Politics; Comparative Government; International Law and Relations; and Political Theory. Honors candidates will also prepare a substantial thesis based upon independent research, upon which they will be examined orally.

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21. AMERICAN GOVERNMENT. Professor ZIEGLER.

An introduction to the major problems of American democracy; their political, economic, and social implications and their historical evolution. Politics and administration in their relation to constitutional government, federalism, suffrage, governmental functions, etc. Required for all majors in the Department. *Elective for Sophomores. First semester.*

21S. AMERICAN GOVERNMENT. Professor ZIEGLER.

Same description as above. *Elective for Sophomores. Second semester.*

23. ELEMENTS OF MODERN POLITICS. Professor LOEWENSTEIN.

A systematic introduction to the understanding of the political process in the modern world and an analysis of the interrelationship of state, government, and people in the formation and exercise of political power. *Elective for Sophomores. First semester.*

24. PATTERNS OF GOVERNMENT. Professor LOEWENSTEIN.

A comparative study of the functions, techniques, and institutions of political society as reflected by the different forms of states and government, with special emphasis on the theory and practice of contemporary democratic and autocratic government. *Elective for Sophomores. Second semester. (Omitted 1949-1950.)*

25. AMERICAN CONSTITUTIONAL DEVELOPMENT. Professor ZIEGLER.

A study of leading constitutional principles in the United States as interpreted by the courts. Attention is focused on a series of problems (due process, commerce, etc.) and the court cases examined and analyzed against the background of history, politics, economics, and personality surrounding them and out of which they grew. Designed for students who desire a non-technical knowledge of the more important federal and state constitutional principles in the United States. Requisite: Political Science 21. *Elective for Sophomores. First semester.*

## 27. POLITICAL PARTIES. Mr. WAHLKE.

The role of the people, parties and pressure groups in the politics of American democracy. Special attention to: the basic features of American Political parties, with European comparisons and contrasts; the work of politicians, bosses and machines; the running of election campaigns; the character and behavior of the electorate; the competition for power among business, labor, agriculture, and the other major organized interests in the community. *Elective for Sophomores. First semester.*

## 41. PUBLIC ADMINISTRATION. Professor LATHAM.

An introduction to the problem of bureaucracy in modern government with attention to social factors that shape and condition administrative structures; group behavior in administrative agencies; the theory of organization in its formal and informal aspects; functions of the executive; the management of money and people; the formulation of policy; and the behavior of rival bureaucracies—private and public. *Elective for Juniors. First semester.*

## 42. ADMINISTRATIVE LAW. Professor LATHAM.

An introduction to the American system of legal control exercised by other law administering agencies than the courts, with special reference to doctrines developed by the Interstate Commerce Commission, Securities and Exchange Commission, Federal Trade Commission, and the National Labor Relations Board. The course deals with the formulation of legislative purposes and administrative policies; administrative and judicial responsibility for the enforcement of agency programs; and the nature and extent of judicial control over administrative action. *Elective for Juniors. Second semester.*

## 44. INTERNATIONAL LAW. Professor ZIEGLER.

The historical basis and present trends in the development of international law will be discussed and related to the social, economic, and political aspects of present day world politics and government. *Elective for Juniors. Second semester.*

## 45. PROBLEMS OF POST WAR POLITICAL RECONSTRUCTION. Professor LOEWENSTEIN.

A pragmatic approach to the causes and manifestations of the present world revolution, focusing on the political transformation under way in the various states and on the correlation of social structure and political organizations. Major attention will be paid to important political documents. *Elective for Juniors with the consent of the instructor. First semester.*

46. THE ORGANIZATION OF THE INTERNATIONAL SOCIETY. Professor LOEWENSTEIN.

A study of the political, economic, and social forces shaping international relations and their attempted solutions through international organization, with special emphasis on the United Nations and other methods of international cooperation. The course will be geared as closely as possible to current developments on the international scene. *Elective for Juniors with the consent of the instructor. Second semester. (Omitted 1949-1950.)*

48. PROBLEMS IN PUBLIC ADMINISTRATION. Professor LATHAM.

Selected topics in the politics of public administration. Requisite: Political Science 41. *Elective for Juniors with the consent of the instructor. Second semester.*

57. HISTORY OF POLITICAL THOUGHT. Professor SHERMAN.

A study of political thought from the Greeks to Rousseau. (Same course as History 57.) *Elective for Juniors. First semester.*

58. MODERN POLITICAL THEORY. Mr. WAHLKE.

The mainstream of political thought, European and American, in the nineteenth and twentieth centuries: Liberalism, conservatism, democracy, socialism, communism, fascism, the recent controversy over economic planning and economic reconstruction for democratic survival. *Elective for Juniors. Second semester.*

71. PUBLIC OPINION.

*Elective for Seniors. First semester. (Omitted 1949-1950.)*

73-74. INTRODUCTION TO JURISPRUDENCE. Professor LOEWENSTEIN.

A critical examination of the origin, concept and ends of the law; the prominent legal concepts and schools of jurisprudence, and the prevailing forms of the legislative and judicial process, including a comparative analysis of the major systems of law. The course will stress the importance of law and justice as a part of human culture. Requisite: The consent of the instructor. *Elective for Seniors. First and second semesters. (Omitted 1949-1950.)*

79-80. HONORS COURSE. The Department.

*Elective for Seniors who have satisfied the necessary requirements. First and second semesters.*

## Psychology

Associate Professor KOESTER;  
Assistant Professor WOODBURY

*Note:* A major in psychology involves six semester courses in psychology and two courses in related fields. Students who plan to major in psychology are advised to elect Psychology 21 in the sophomore year. It is possible, however, to elect a major in psychology in the first semester of the junior year without previous courses in psychology.

Interdepartmental majors may be elected in psychology-biology and psychology-philosophy.

Honors work in psychology consists of an individual experimental research project in the senior year, weekly seminars, and a comprehensive and oral examination. Five semesters of work in psychology, including Psychology 21 and 22, must be completed before the beginning of the senior year with a grade of at least 85 in each course.

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### 21. INTRODUCTION TO PSYCHOLOGY. Professor KOESTER.

An introduction to psychological methods of studying behavior and experience and a survey of general principles and significant experimental findings. Four classroom and two laboratory hours per week. *Elective for Sophomores. First semester.*

### 21S. INTRODUCTION TO PSYCHOLOGY. Professor KOESTER.

Same description as Psychology 21. *Elective for Sophomores. Second semester.*

### 22. EXPERIMENTAL PSYCHOLOGY. Professor KOESTER.

A course in experimental method and findings, contemporary viewpoints, and the statistical treatment of psychological data. Three classroom and four laboratory hours per week. (May be counted as a course in Division III.) Requisite: Psychology 21. Enrollment restricted to psychology majors. *Elective for Sophomores. Second semester.*

### 26. ABNORMAL PSYCHOLOGY. Professor WOODBURY.

A study of the major types of neurotic and psychotic disorder, based on experimental and clinical findings, with particular consideration of problems of etiology. Some attention will be given to the special problems and techniques of research in this area. Requisite: Psychology 21. *Elective for Sophomores. Second semester.*

28. PSYCHOLOGY OF PERSONALITY. Professor WOODBURY.

A critical evaluation of contemporary approaches to the study of personality. Requisite: Psychology 21. *Elective for Sophomores. Second semester.*

41. SOCIAL PSYCHOLOGY. Professor KOESTER.

A study of psychological principles that are of particular relevance to the social sciences. The following areas will be stressed: social factors in development, group interaction, attitudes and prejudice, public opinion and its measurement, propaganda analysis, industrial conflict, family and marriage relations, psychological analysis of values and religious beliefs. Requisite: Psychology 21. *Elective for Juniors. First semester.*

43. EDUCATIONAL PSYCHOLOGY. Professor WOODBURY.

A study of conditions of learning, psychological testing, and principles of development in childhood and adolescence. Some attention will be given to the special problems of mental deficiency. Lectures, discussions, and projects. (Same course as Education 43.) Requisite: Psychology 21. *Elective for Juniors. First semester.*

79. CONFERENCE COURSE. Department.

Individual experimental projects and weekly seminars on selected readings and topics. Requisite: Five semester courses in psychology, including Psychology 21 and 22, with a grade of at least 85 in each of the courses. *Elective for Senior honor students who are majoring in psychology. First semester.*

80. CONFERENCE COURSE. The Department.

Same description as Psychology 79. Requisite: Psychology 79. *Second semester.*

### *Public Speaking*

Professor GARRISON;  
Mr. DIBBLE

*Note:* Public Speaking 42 and 44 may be elected by students who have not taken Public Speaking 41 and 43.

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21. FUNDAMENTALS OF ORAL EXPRESSION. Professor GARRISON and Mr. DIBBLE.

*Required of Sophomores. First semester.*



22. FUNDAMENTALS OF ORAL EXPRESSION. Professor GARRISON and Mr. DIBBLE.

*Required of Sophomores. Second semester.*

41. EXTEMPORANEOUS SPEAKING; TECHNIQUES AND TYPES OF SPEAKING. PSYCHOLOGY OF PERSUASION. Professor GARRISON and Mr. DIBBLE.

Requisite: A grade of "B" in Public Speaking 1-2 and the consent of the instructor. *Elective for Juniors. First semester.*

42. EXTEMPORANEOUS SPEAKING; TECHNIQUES AND TYPES OF SPEAKING. PARLIAMENTARY PROCEDURE. Professor GARRISON and Mr. DIBBLE.

A continuation of Public Speaking 41. *Elective for Juniors. Second semester.*

43. ARGUMENTATION AND THE FORMS OF PUBLIC ADDRESS. Professor GARRISON.

A critical study of techniques effective in persuasion; oral and written composition. Requisite: A grade of "B" in Public Speaking 1-2 and the consent of the instructor. *Elective for Juniors. First semester.*

44. ARGUMENTATION AND THE FORMS OF PUBLIC ADDRESS. Professor GARRISON.

A study of the application of behavioristic and Aristotelian techniques; oral and written composition. *Elective for Juniors. Second semester.*

## *Religion*

Associate Professor MARTIN;

Mr. HUSTON.

All courses in religion may count towards a major, which shall consist of Religion 21, 22, Religious Traditions of Western Culture, and six additional semester courses in religion or related studies approved by the Department.

Of these six additional courses at least three must be courses in religion, and it is recommended that they include Philosophy 43, 44, History of Philosophy.

Students definitely committed to a pre-theological course are not encouraged to major in religion, though they should take at least one basic course in the field.

Honors in religion shall consist of the Conference Course Religion 79,



80 taken in conjunction with a major in religion; satisfactory fulfillment of the general honors requirements of the college; satisfactory performance in written comprehensive examinations on the history of religious traditions and on Bible, Philosophy of Religion, or Comparative Religion; and the preparation and oral defense of a scholarly essay on a topic approved by the Department.

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21. RELIGIOUS TRADITIONS OF WESTERN CULTURE: BIBLICAL FOUNDATIONS, HISTORIC AND CONTEMPORARY JUDAISM. Professor MARTIN and Mr. HUSTON.

Early Hebrew religion. The Hebrew prophets. Classics of post-exilic Judaism. Historic and contemporary Judaism. The life and teachings of Jesus. Extensive source readings in the Bible, lectures, and discussion groups. Occasional illustrative lectures by members of the Departments of Music and Fine Arts. This course can be taken to fulfill part of the sophomore Humanities requirement. *Elective for Sophomores. First semester.*

22. RELIGIOUS TRADITIONS OF WESTERN CULTURE: THE DEVELOPMENT OF CHRISTIAN TRADITIONS. Professor MARTIN and Mr. HUSTON.

Greek and Roman Religion. The rise of the Christian church. Religion in the Middle Ages. The Reformation. Contemporary Catholicism and Protestantism. Extensive source readings in selected Christian classics: The New Testament, St. Augustine, St. Thomas Aquinas, Luther, Calvin, and others; lectures and discussion groups. Occasional illustrative lectures by members of the Departments of Music and Fine Arts. *Elective for Sophomores. Second semester.*

23. ADVANCED STUDY OF THE BIBLE. Mr. HUSTON.

Advanced study of Biblical literature, history, and religion. Requisite: Previous course work in Bible, or the consent of the instructor. *Elective for Sophomores. First semester.*

24. ADVANCED STUDY OF THE BIBLE. Mr. HUSTON.

Advanced study of Biblical literature, history, and religion. Requisite: Previous course work in Bible, or the consent of the instructor. *Elective for Sophomores. Second semester.*

49. COMPARATIVE RELIGION. Professor MARTIN.

A comparative study of the major religious traditions of the East, with a consideration of the problems of cultural relationships between East and

West. Requisite: Two semester courses in philosophy or religion. *Elective for Juniors. First semester.*

50. PHILOSOPHY OF RELIGION. Professor MARTIN.

A systematic analysis of some of the major types and problems of religious philosophy. Requisite: Two semester courses in philosophy or religion. (Same course as Philosophy 50.) *Elective for Juniors. Second semester.*

79. CONFERENCE COURSE. The Department.

Required of candidates for honors in religion. *Elective for Seniors with the consent of the instructors. First semester.*

80. CONFERENCE COURSE. The Department.

Required of candidates for honors in religion. *Elective for Seniors with the consent of the instructors. Second semester.*

## Russian

Assistant Professor OUROUSSOFF;  
Assistant Mrs. AMES

1. ELEMENTARY COURSE. Professor OUROUSSOFF and Mrs. AMES.

Grammar, pronunciation, oral and written practice. Three hours per week for explanation and demonstration, four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3S. INTERMEDIATE COURSE. Professor OUROUSSOFF and Mrs. AMES.

Review of grammar and pronunciation; oral and written practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, three hours per week in small sections for drill in aural comprehension of the language. *Elective for Freshmen. Second semester.*

5. ADVANCED COURSE. Professor OUROUSSOFF and Mrs. AMES.

Extensive survey of grammar, conversation, reading of selected prose. Three class meetings and two to three laboratory periods a week. *Elective for Freshmen. First semester.*

7S. ADVANCED COURSE. Professor OUROUSSOFF and Mrs. AMES.

Continuation of Russian 5. *Elective for Freshmen. Second semester.*

## Science

1A, 1B. SCIENCE. Professors BROWN and SOLLER in charge.

A course in physical science and mathematics. A rather thorough treatment of selected topics will be made in order to give the student a better understanding of the principles, methods, and techniques of physical science. The material covered will include topics in mechanics, electricity; and atomic physics. The concepts of energy and radiation and their application in related fields will be stressed.

In mathematics, topics from analytic geometry and calculus will be offered, selected in part to facilitate the physical exposition. Mathematics, 2 hours; Physical science, 2 hours; Laboratory, 2 hours. *Required for Freshmen. First semester.*

### *Division A:*

The application of mathematical principles in describing and analyzing physical phenomena will be emphasized in this division.

### *Division B:*

Concepts fundamental to physical science will be developed in a more qualitative manner.

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The assignment of students to Division A or B will be made by the Dean on the basis of the student's preparation in mathematics and physics, his mathematical aptitude score, and his stated interests.

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Staff: *Division A:* Professors BROWN and SOLLER in charge, Professors BENSON, SPRAGUE, STIFLER, and Messrs. EELLS, GOOD, LINNELL.

*Division B:* Professors BROWN and GREEN in charge, Professors BREUSCH, FAIRBANK, HEMOND, and SPRAGUE, and Messrs. EELLS, and SINCLAIR.

2A, 2B. SCIENCE.

A continuation of Science 1A, 1B. Mathematics and physical science, 5 hours; Laboratory, 2 hours. *Required for Freshmen. Second semester.*

21. CHEMISTRY-BIOLOGY SEQUENCE. CHEMISTRY. Professors BEEBE and TODD.

A study of substances, their structure, their properties and the reactions

by which they are converted into other substances. Special attention is given to the orientation of chemistry toward physics, biology and the other related sciences. Three hours classroom and four hours laboratory work per week. (Same course as Chemistry 21.) Requisite: Science 2. *Elective for Sophomores. First semester.*

22. CHEMISTRY-BIOLOGY SEQUENCE. GENERAL BIOLOGY. Professor KIDDER.

An introduction to biological principles integrated with the first semester chemistry which is arranged as part of a program of liberal study. Four classroom hours and two hours of laboratory work per week. (Same course as Biology 22.) *Elective for Sophomores. Second semester.*

23-24. EVOLUTION OF THE EARTH AND MAN. Professors PLOUGH, BAIN, GREEN, HINTON, and WOOD.

A review of the evolution of the earth and the changing landscape, particularly in relation to the appearance and history of living organisms. This leads to a study of the appearance of the human line, and the evolution of man with his developing cultures. Four classroom hours and two hours laboratory work per week. (Same course as Biology 23-24.) *Elective for Sophomores. First and second semesters.*

42. HISTORY OF SCIENCE AND TECHNOLOGY. Professor GREEN.

The development of scientific thought and method in the physical sciences, and the development of technology in physical science. Emphasis will be placed on the period from the fifteenth century to modern times. *Elective for Juniors. (Members of the class of 1950 should not elect the course unless they have had mathematics and physics equivalent to Science 1, 2.) Second semester.*

### *Spanish*

Assistant Professor E. A. JOHNSON and Mr. K. W. JOHNSON  
Assistants Mrs. FRAKER and Mr. CASTANO.

*Note: Major with honors.* The honors major consists primarily in a program of extensive reading in the major authors of the last four centuries, and is intended also to provide a general knowledge of the development of Spanish literature since the end of the Middle Ages. Candidates will normally take the courses numbered 7, 8, 10, 21, 22, 25, 26, and one other course in Spanish literature. In exceptional cases and with the consent of the Department, a related course in another department may be substituted

for the eighth course in Spanish. All course elections are made in consultation with a representative of the Department, and the course program may be adjusted in special cases. At the end of the final semester each candidate will take two three-hour examinations, one consisting mainly of essay questions (to one of which the answer must be written in Spanish), the other involving critical interpretation of text. Recommendations for the various grades of degree with honors will be made on the basis of (1) the honors examinations, (2) the student's general average in all his work in the department.

*Major for students not candidates for the degree with honors.* The major must include eight courses, not counting courses 1 and 3. Two of these eight courses may be approved related courses outside the Department. These requirements begin with the class of 1951; adjustments will be made for other classes.

*Combined major in two languages.* For a student whose primary language is Spanish, the major must include five courses in Spanish, not counting courses 1, 3 and 5; in the second language it must include three courses, of which at least one must be a course in literature.

*Requirements for Sophomores in Humanities.* The following courses are approved as satisfying the Humanities requirement in sophomore year: Spanish 7, 8, 22, 23, 25, 26.

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1. ELEMENTARY COURSE. Mr. K. W. JOHNSON, Mrs. FRAKER, and Mr. CASTANO.

Grammar, pronunciation, oral practice. This course meets three hours per week for explanation and demonstration, and four hours per week in small sections for oral practice. *Elective for Freshmen. First semester.*

3. INTERMEDIATE COURSE. Mr. K. W. JOHNSON, Mrs. FRAKER, and Mr. CASTANO.

Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. This course meets three hours per week for explanation and demonstration, and three hours per week in small sections for drill in oral and aural comprehension of the language. Assignment to this course is made on the basis of the score in the CEEB Achievement Test. *Elective for Freshmen. First semester.*

3S. INTERMEDIATE COURSE. Mr. K. W. JOHNSON, Mrs. FRAKER, and Mr. CASTANO.

Same description as above. Requisite: Spanish 1, or the equivalent. *Elective for Freshmen. Second semester.*



5. ADVANCED COURSE. Professor E. A. JOHNSON, Mrs. FRAKER and Mr. CASTANO.

Reading and analysis of selected texts. This course meets three hours per week for explanation and demonstration, and three hours per week in small sections for oral practice and discussion. Stress is placed on the acquisition of aural comprehension of the language and on oral drill. Conducted as far as possible in Spanish. Requisite: A satisfactory score in the CEEB Achievement Test and the Amherst Oral Examination, or Spanish 3, or the equivalent. *Elective for Freshmen. First semester.*

- 5S. ADVANCED COURSE. Mr. K. W. JOHNSON, Mrs. FRAKER and Mr. CASTANO.

Same description as above. Requisite: A satisfactory score in the CEEB Achievement Test and the Amherst Oral Examination, or Spanish 3, or the equivalent. *Elective for Freshmen. Second semester.*

7. INTRODUCTION TO SPANISH LITERATURE BEFORE 1700. Professor E. A. JOHNSON and Mr. CASTANO.

Reading and discussion of selected literary texts. This course meets three hours per week for explanation and demonstration and two hours per week for oral practice and discussion. It is conducted as far as possible in Spanish. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. First semester.*

8. INTRODUCTION TO SPANISH LITERATURE SINCE 1700. Professor E. A. JOHNSON, Mrs. FRAKER and Mr. CASTANO.

Reading and discussion of selected literary texts. This course meets three hours per week for explanation and demonstration and two hours per week for oral practice and discussion. It is conducted as far as possible in Spanish. Requisite: Satisfaction of the language requirement. *Elective for Freshmen. Second semester.*

10. ADVANCED COMPOSITION AND CONVERSATION. (Spanish 8 in 1948-1949)

Practice in free composition and set translation into Spanish; oral reports on selected topics. This course is designed primarily for those who wish to perfect their command of Spanish for further study or for teaching the language. Requisite: Spanish 5 or the consent of the instructor. *Elective for Freshmen. Second semester in alternate years. (Omitted 1949-1950.)*

22. READINGS IN SPANISH AMERICAN LITERATURE SINCE 1800. Professor E. A. JOHNSON.

Reading of selected works of outstanding merit, and study of their rela-



tion to the development of Spanish American culture. Requisite: Spanish 7. *Elective for Sophomores. Second semester, in alternate years.*

23. READINGS IN SPANISH LITERATURE SINCE 1800. Professor E. A. JOHNSON.

A study of the literary trends of recent times, with emphasis on the writers of the generation of 1898 and their role in the development of contemporary Spain. Requisite: Spanish 7. *Elective for Sophomores. First semester, in alternate years.*

25. SPANISH LITERATURE BEFORE CERVANTES. Professor E. A. JOHNSON.

A survey of the development of literary expression in Spain from the earliest times to approximately 1600. Requisite: Spanish 7. (Students who plan to take Spanish 26 will find it useful to have taken this course previously.) *Elective for Sophomores. First semester, in alternate years. (Omitted 1949-1950.)*

26. CERVANTES. Professor E. A. JOHNSON.

A study of the major prose works of Cervantes and their relation to the prose fiction of the Golden Age. Emphasis on *Don Quijote de la Mancha*. Requisite: Spanish 25, or the consent of the instructor. *Elective for Sophomores. Second semester, in alternate years. (Omitted 1949-1950.)*

42. ADVANCED READINGS IN SPANISH LITERATURE. Professor E. A. JOHNSON.

The content of this course will be determined each year by the instructor in charge. Requisite: The consent of the instructor. *Elective for Juniors. Second semester.*



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### III

*Lectureships, Honors, Fellowships, Prizes  
and Awards*

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# Lectureships

## THE HENRY WARD BEECHER LECTURESHIP

This lectureship fund of \$10,000 was founded by the late Frank L. Abbott, LL.D., of the class of 1878, in honor of Henry Ward Beecher, of the class of 1834. The incumbent is appointed biennially by the Faculty for supplementary lectures in the departments of history and the political, social, and economic sciences.

## THE CLYDE FITCH FUND

A fund of \$20,000 was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

## THE JOHN WOODRUFF SIMPSON LECTURESHIP

A fund of \$184,000 was established in memory of John Woodruff Simpson, of the class of 1871, by his wife and daughter. The income is to be used for fellowships and "to secure from time to time, from England, France or elsewhere, scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

## THE REYNOLDS FUND

A fund now amounting to somewhat more than \$100,000 was established by the late George W. Reynolds of the class of 1877. Part of the income is accumulated each year and added to the fund. The remainder is available for lectures at the College in the fields of religion and of science.

## THE CHARLES E. MERRILL LECTURESHIP

A fund of \$10,000 has been given by Charles E. Merrill of the Class of 1908 for a series of lectures and formal discussions on applied economics. Upon delivery, these lectures become the property of Amherst College for publication. A series of lectures given during 1947-1948 by Dr. J. Maurice Clark, Professor of Economics at Columbia University, on the general topic, "Strategic Requirements for a Healthy American Economy," were published by the College, under the title, *Guideposts in Time of Change*.

As in the previous college year, a number of other Merrill Lecturers will be brought to the College during 1948-1949 from the fields of government, business, labor, and agriculture.

# Honors

## THE PHI BETA KAPPA SOCIETY

The students elected to membership in this honor society are those of highest standing and are normally candidates for the degree with honors. A preliminary election of outstanding students occurs at the end of the first semester of Junior year; and further elections occur at the end of the first semester and at commencement time of Senior year. Membership in the society is extended to about a tenth of the students in each class.

### *Officers, 1949-1950*

*President:* Professor GEORGE B. FUNNELL, '24

*Vice-President:* HIRAM C. HAYDN, II, '28

*Secretary-Treasurer:* GEORGE M. WALLER, '41

*Undergraduate President:* TERRENCE D. GARRIGAN, '50

*Undergraduate Secretary-Treasurer:* JAMES R. WIMMER, '50

### *First Election, Junior Class*

Frank Karl Austen

Thomas Robert Edwards, Jr.

Terrence Dale Garrigan

Thayer Ainsworth Greene

Holsey Gates Handyside

Robert Jackson McKean, Jr.

Duane Morris

Thomas Paul Mullen

Donald William Oliver

James Robert Wimmer

Carl Richard Woese

Anthony George Zulfer, Jr.

### *Second Election, Senior Class*

Rudolph Philippi Atcon

\* James Robert Braunschweig

Richard Morse Chapin

Ralph Edwin Goldslager

Frederick Davis Greene, II

Ralph Noble Hayden

Andrew Noah Heine

Andrew Lawrence Keleman

James Claude King

William Hamilton King

James Ackley Maxwell, Jr.

Basil Justin Fontenoy Mott, Jr.

George Clark Pendleton, Jr.

Charles Havard Perkins

William Richard Poirier

John Joseph Scanlon

Spencer Sweet Shannon, Jr.

Archibald Donald Smith

Alan Marvin Jay Sternlieb

Paul Joseph Sullivan

Herbert Murray Talcoff

Lucius Harrison Thayer, II

Robert Garland Tucker

\* *Elected posthumously.*



## THE BOND FIFTEEN

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of senior year, two speakers are selected upon the basis of literary and oratorical merit to deliver orations at the Senior Chapel service. The Bond Prize of one hundred dollars is awarded to the speaker who delivers the best oration.

*The Bond Fifteen, 1948-1949*

Asa Scott Anderson, Jr.  
Rudolph Philippi Atcon  
Harry George Barnes, Jr.  
Edward Bernard  
William Skelly Burford  
Frederick Davis Greene, II  
Frank Carlisle Hartzell, Jr.  
Douglas Hamilton Heath  
William Hamilton King  
Peter Windon Moyer  
George Clark Pendleton, Jr.  
John Joseph Scanlon  
John Lester Shaw  
Walter Milton Spink  
Herbert Murray Talcoff

# Fellowships

The College's funds for fellowships aggregate about \$400,000. From the income of these funds fellowships are awarded annually to graduates of Amherst College, and in some instances to graduates of other colleges, for study in graduate or professional schools. Applications should be made in writing to the Dean before January seventh.

*The names of those to whom fellowships have been awarded for the current year will be found on page 15.*

## THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

A fund of \$7000, established through the agency of the Alpha Delta Phi Fraternity, provides an annual award under conditions determined by the Faculty, to a member of the senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two installments, one on completion of one-half the year's work, the other at the end of the year.

## THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the Class of 1858 awards the income from a fund of \$45,400 for three years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

1. He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

2. The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other considerations whatsoever, except that he should have an especially good knowledge of at least one modern foreign language and should have had at least one year of Latin in preparatory school or college.

3. The three years shall be spent by the incumbent at a German University, or, with the approval of the said Faculty, at any other place or places, in the study of philosophy, philology, literature, history, political science, political economy, mathematics or natural science. At least one college term of the final year shall be spent by the incumbent at Amherst

College, where he shall give a series of not more than thirty lectures on a subject selected by himself and approved by the Trustees. The lectures shall be given to the Senior class, but the members of all other classes shall have the privilege of attending.

#### THE EDWARD HITCHCOCK FELLOWSHIP

The income from a fund of \$20,000 founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., is available for the promotion of graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

#### THE AMHERST MEMORIAL FELLOWSHIPS FOR THE STUDY OF SOCIAL, ECONOMIC, AND POLITICAL INSTITUTIONS

A fund of about \$80,000 provides fellowships to perpetuate the memory of those Amherst men who gave their lives for an ideal. The following statement expresses the purposes of the donor of these fellowships: "Realizing the need for better understanding and more complete adjustment between men and existing social, economic, and political institutions, it is my desire to establish a fellowship for the study of the principles underlying these human relationships."

Appointments to these fellowships may be made from the graduating class or the alumni of Amherst College or of other colleges, the object being to permit men of character, scholarly promise, and intellectual curiosity to investigate some problem in the humanistic sciences. Candidates should be men of sound health. During previous training they should have given evidence of marked mental ability in some branch of the social sciences—history, economics, political science—and have given promise of original contribution to a particular field of study. It is desirable that they possess qualities of leadership, a spirit of service, and an intention to devote their efforts to the betterment of social conditions through teaching in its broad sense, journalism, politics, or field work.

Appointments may be made for terms of two years. Tenure may, however, be shorter or longer, depending upon the nature of the subjects investigated or upon other circumstances which, in the judgment of the committee, warrant a variation in the length of tenure.

The stipend will vary according to the circumstances of the appointment. Awards will depend upon those aspects of individual cases which, in the judgment of the committee, most suitably fulfill the purpose of the foundation.

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

## THE JOHN WOODRUFF SIMPSON FELLOWSHIPS AND LECTURESHIPS

A fund of about \$184,000 given in memory of John Woodruff Simpson of the class of 1871, by his wife and daughter. The uses of the income as defined by the donors are as follows:

"1. To award to any graduate of Amherst College a fellowship for use in studying law at any school approved by the Board of Trustees of the College;

"2. To award to any graduate of Amherst College a fellowship for use in studying medicine at any school approved by the Board of Trustees of the College;

"3. To award to any graduate of Amherst College a fellowship for use in studying theology at any school approved by the Board of Trustees of Amherst College, without regard to the particular creed or particular religious belief taught thereat;

"4. To award to any graduate of Amherst College a fellowship for use in studying at any school, college or university approved by the Board of Trustees of the College, in preparation for the teaching profession;

"5. To award to any graduate of Amherst College a fellowship for use in graduate study at the universities of Oxford or Cambridge in England;

"6. To award to any graduate of Amherst College a fellowship for use in graduate study at the Sorbonne in Paris;

"7. To secure from time to time from England, France or elsewhere scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

## THE FORRIS JEWETT MOORE FELLOWSHIPS

These fellowships, three in number, were given in memory of Forris Jewett Moore of the class of 1889 by his widow, Emma B. Moore.

1. A fund of about \$18,800, the income of which is to be used to assist some graduate of Amherst College who has distinguished himself in the study of chemistry while an undergraduate and desires to engage in further study of that subject, preference to be given to eligible candidates whose plans lie in the field of organic chemistry. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

2. A fund of about \$13,000, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of history while an undergraduate and desires to engage in further

study of that subject. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

3. A fund of about \$15,600, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of philosophy while an undergraduate and desires to engage in further study of that subject. The beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

#### THE HENRY P. FIELD FELLOWSHIPS

Two fellowships of \$500 each are available from the income of the bequest of the late Henry P. Field of the class of 1880, to promote graduate study in the fields of English and History. Appointments are made annually by the College on the recommendation of the departments of English and History.

#### THE EDWARD POOLE LAY FELLOWSHIP

A fund of \$28,600, given by Frank M. Lay, of the class of 1893, and Mrs. Lay, in memory of their son Edward Poole Lay, of the class of 1922. The income from the fund is to be used for a fellowship to be awarded to a graduate of Amherst College who has shown unusual proficiency and talent in music, and who desires to continue his studies in this field. Preference is to be given to a candidate who is proficient in voice. In the event that there is no qualified candidate for the award in any one year in the musical arts (especially voice and instrumental music), then it may be awarded under the same conditions to a qualified candidate in the field of the dramatic arts.

This fellowship will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

#### THE GEORGE A. PLIMPTON FELLOWSHIPS

These fellowships, established by the Board of Trustees of Amherst College in memory of George A. Plimpton of the class of 1876, a member of the Board from 1890 to 1895 and from 1900 to 1936 and President of the Board from 1907 to 1936, are to be awarded without stipend to members of the senior class who are of outstanding scholastic ability and promise, who plan to continue their studies in graduate school, and who are not in need of financial assistance.

These fellowships will be awarded by the Board of Trustees upon recommendation of the Faculty Fellowship Committee.

#### FELLOWSHIPS AWARDED BY THE AMERICAN SCHOOLS OF CLASSICAL STUDIES AT ATHENS AND ROME

The attention of graduate students interested in the Classics and in Archaeology and Ancient Art is called to the opportunities offered by the American Schools of Classical Studies at Athens and Rome. As the College contributes regularly to the support of these schools, any Amherst graduate may enjoy the privileges of study at either school without charge for tuition and may compete for the annual fellowships which they offer. Further information may be obtained from any classical teacher at the College.

#### THE SHERMAN PRATT FACULTY FELLOWSHIPS FOR STUDY ABROAD

These fellowships are awarded by the President of the College to younger members of the Amherst Faculty, on the basis of past performance in teaching and scholarship and programs for further study. The stipends may be fixed in such amount as the President may determine. Each holder of a Sherman Pratt Fellowship will be expected on his return to the College to deliver to the college body one or more lectures.



## Prizes and Awards

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study, and for other qualifications.

### *Art*

*THE ANNA BAKER HEAP PRIZE*, from the income of a fund of \$1,400, given by the late Arnold N. Heap of the class of 1873; \$55 is awarded to that Senior who submits the best essay in the field of "Art."

WALTER MILTON SPINK, '49

### *Biology and Geology*

*THE HARVEY BLODGETT SCHOLARSHIP*, from the income of a fund of \$2,200, established by Frederick H. Blodgett in memory of his grandfather, Harvey Blodgett of the class of 1829, is awarded to aid student work in biology and geology in their educational phases as distinct from their more technical and strictly scientific phases: combined with

*THE PHI DELTA THETA SCHOLARSHIP*, from the income of a fund of \$500, established by the Phi Delta Theta Fraternity, is awarded as a scholarship at the Woods Hole Marine Laboratory to a student for proficiency in biology.

WILLIAM RALPH WALTON, '49

(The two preceding scholarships usually are combined and awarded as one. The award for 1949-1950 will be \$110.)

### *Chemistry and Medicine*

*THE HOWARD WATERS DOUGHTY PRIZE*, from the income of a fund of \$1000, given anonymously; \$40 is awarded to that member of the junior class who, in the opinion of the chemistry department, is best qualified to undertake an honors program.

DAVID AUSTIN STEVENSON, '50

*THE FRANK FOWLER DOW PRIZES*, part of the income from a fund given by Fayette B. Dow, '04, in memory of his father; \$300 is awarded to a member or members of the junior or senior class preparing to enter medical school, and whose undergraduate work indicates a career of usefulness and distinction in medicine.

C. ALPHEUS STANFIELD, '50

*Dramatics*

*THE RAYMOND KEITH BRYANT PRIZE*, an annual gift of \$25 from Robert E. and Ethel M. Bryant in memory of their son, Raymond Keith Bryant, of the class of 1936, is awarded to that undergraduate who, in the opinion of a board of judges, gives the best single performance of the year in a Masquers' play.

No award

*English*

*THE ARMSTRONG PRIZE*, part of the income of a fund of \$2,300, given by Collin Armstrong of the class of 1877 in memory of his mother Miriam Collin Armstrong, awarded in the form of books to the value of \$45 to members of the freshman class who excel in composition.

NORVIN GAIR GREENE, '52

*THE COLLIN ARMSTRONG POETRY PRIZE*, part of the income of a fund of \$2,300, given by Mrs. Elizabeth H. Armstrong; \$45 is awarded to the undergraduate author of the best original poem or group of poems.

WILLIAM SKELLY BURFORD, '49

*THE JOHN FRANKLIN GENUNG PRIZE*, of \$50, given each year anonymously in memory of Professor Genung, is awarded to that member of the junior or senior class who excels in prose composition.

WILLIAM SKELLY BURFORD, '49

*THE HARRY RICHMOND HUNTER, JR. PRIZE*, from the income of a fund of \$1,300, given by H. R. Hunter and Emma Louise Hunter in memory of their son, Harry Richmond Hunter, Jr. of the class of 1929; \$50 is awarded to that member of the sophomore class who presents the best essay on a topic approved by the English department.

Divided equally between

WILLIAM WEBSTER HEATH, '51

THOMAS HUNT WYMAN, '51

*THE RALPH WALDO RICE PRIZE*, from the income of a fund of \$1,200, given by Mrs. Mary Rice Jenkins in memory of her brother, Ralph Waldo Rice, of the class of 1910; \$45 is awarded for the best essay on "The Liberal College and Christian Citizenship" or any other subject named by the Faculty.

No award

*Greek*

*THE WILLIAM C. COLLAR PRIZE*, from the income of a fund of \$1,200 given by the late William C. Collar of the class of 1859; \$45 is awarded to that member of the freshman class who shall make on a written examination the best version in English of a previously unseen page from some Greek author.

KARL CADEM LEMP, '52

*THE HUTCHINS PRIZE*, from the income of a fund of \$1,200, given by the late Waldo Hutchins of the class of 1842; \$45 is awarded to the best scholar in Greek at the end of the junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department but special studies and examinations may also be required of the candidates.

FRANK MARCUS LEMP, '50

*THE HARRY DE FOREST SMITH SCHOLARSHIP*, of \$450, is awarded to a member of the freshman class enrolled in one of the regular courses in the department of Greek. The award is made on the basis of an examination given at the candidate's school in the March preceding his entrance to college. Students who have had either two or three years of Greek at school are eligible for this scholarship.

DONALD JOSEPH WEISS, '53

*Journalism*

*THE SAMUEL BOWLES PRIZE*, from the income of a fund of \$3,300 bequeathed by the late Samuel Bowles King, '02; to stimulate interest in journalism as a career, a prize of \$130 is awarded to a student of the junior or senior class who has demonstrated proficiency in journalism. The income may be used from time to time for a scholarship or toward a lectureship.

JOHN JOSEPH SCANLON, '49

*Latin*

*THE FRESHMAN PRIZE*, part of the income of an anonymous fund of approximately \$1,900; two prizes of \$25 and \$15 are awarded for the

highest scholarship in the Latin courses of the freshman year. The award is determined by the reading at sight of pages from Cicero, Livy, Horace, and Ovid.

First Prize

WILLIAM FREDERICK EDWARDS, '51

Second Prize

EDWIN FRANCIS WESLEY, '52

*THE BILLINGS PRIZES*, from the income of a fund of \$1,100, given by Frederick Billings in memory of Parmly Billings of the class of 1884; two prizes of \$25 and \$15 are awarded for general excellence in the Latin courses of the Sophomore Year together with the best essays on special topics connected with the authors read in that year.

Combined and awarded to

LLEWELLYN MERRICK, '51

*THE JUNIOR PRIZE*, part of the income of an anonymous fund of approximately \$1,900; a prize of \$35 is awarded to the student who, together with attaining a high average in the Latin courses of the Junior Year, presents the best essay on some approved topic connected with the junior Latin course.

ANTHONY GEORGE ZULFER, '50

*THE BERTRAM PRIZES*, from the income of a fund of \$1,800, given by the late John Bertram of Salem; two prizes of \$40 and \$30 each are awarded to those students who, together with attaining a high average in the Latin courses of the Senior Year, present the best essays on some approved topic connected with these courses.

First Prize

CHESTER MARCH GOLDMAN, '49

Second Prize

No award

*Mathematics, Physics, and Astronomy*

*THE PORTER PRIZES*, from the income of a fund of \$550, given by the late Eleazer Porter of Hadley; two prizes of \$10 each are awarded for proficiency in first year physics and astronomy respectively.

*Physics*

WILLIAM DOREY ANDREWS, '52

*Astronomy*

JOHN CUSHING ESTY, JR., '50

*THE WALKER PRIZES*, part of the income of a fund of \$6,000, given by the late William J. Walker of Newport, Rhode Island; two prizes of \$50 and \$25 are awarded for proficiency in mathematics of the first year, and two prizes of \$75 and \$35 for proficiency in mathematics of the second year. In each case the award is determined by an examination.

*First Year*

First Prize

NORMAN KINGSBURY BROWN, '52

Second Prize

WALLACE SMITH MARTINDALE, III, '52

*Second Year*

First Prize

EARL JAY TAFT, '52

Second Prize

EDWARD HOLTON BENSLEY, '51

*Philosophy and Religion*

*THE MOSELEY PRIZES*, from the income of a fund of \$6,900, given by the late Thomas W. H. Moseley of Hyde Park; two prizes of \$180 and \$90 are awarded to members of the senior class for the best essays on a subject approved by the Department of Philosophy and Religion.

First Prize

ROBERT GARLAND TUCKER, '49

Second Prize

JAMES DAVID BROPHY, JR., '49

*Physical Education*

*THE SAWYER PRIZES*, from the income of a fund of \$1,800, given by the late Edmund H. Sawyer, hon. 1878; \$70 is available for prizes for excellence in the department of Physical Education.

*Senior Class*

GEORGE MANLEY CRABTREE, '49

*Sophomore Class*

Divided equally between

SAMUEL LORD, JR., '51

PAUL GOULD SCHLESSINGER, '51

*Political Science*

*THE DENSMORE BERRY COLLINS PRIZE IN POLITICAL SCIENCE*, of \$100, given by Miss Margaret S. Densmore in memory of her nephew Densmore Berry Collins, of the class of 1940. In 1949-50 the award will be made to the student submitting the best honors thesis in Political Science.

No award, 1948-49

*Public Speaking*

*THE BANCROFT PRIZES*, of \$135 and \$100, from the income of a fund of \$5,900 given by the late Frederic Bancroft of the class of 1882; awarded to the two members of the senior class who produce the best orations. Both composition and delivery are considered in making the awards.

First Prize

JOHN JOSEPH SCANLON, '49

Second Prize

DONALD VERLIN ROBERTS, '49

*THE BOND PRIZE*, from the income of a fund of \$2,200 given by the late Ephraim W. Bond of the class of 1841; \$100 is awarded for the best production spoken at the Senior Chapel service. The award is determined by a committee appointed by the Trustees upon nomination by the Faculty.

JOHN JOSEPH SCANLON, '49

*THE HARDY PRIZES*, from the income of a fund of \$1,100, given by the late Alpheus Hardy of Boston; prizes of \$25 and \$15 are awarded for excellence in extemporaneous speaking.

First Prize

JOHN JOSEPH SCANLON, '49

Second Prize

THOMAS WOLFE PEARLMAN, '49

*THE KELLOGG PRIZES*, from part of the income of a fund of \$45,400, given by the late Rufus B. Kellogg of the class of 1858; two prizes of



\$60 each are awarded, one to a member of the sophomore class and one to a member of the freshman class, for excellence in declamation.

*Sophomore Class*

Divided among

ROBERT MANGAM CORNISH, '51

THOMAS HUNT WYMAN, '51

CHARLES ADAMS HALE, '51

*Freshman Class*

Divided among

RAYMOND ARTHUR MACDONNELL, '52

ULRIC ST. CLAIR HAYNES, JR., '52

ROBERT OWEN MORGAN, '52

*THE ROGERS PRIZE*, from the income of a fund of \$1,100, given by Noah C. Rogers of the class of 1880; \$40 is awarded to a member of the junior class for excellence in debate.

JOHN MCCLEERY PARSONS, '50

*Scholarship and Citizenship*

*THE ADDISON BROWN SCHOLARSHIP*, from the income of a fund of \$5,700, bequeathed by the late Addison Brown of the class of 1852; \$230 is awarded to that member of the senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman, sophomore, and junior years.

THOMAS PAUL MULLEN, '50

*THE SAMUEL WALLEY BROWN SCHOLARSHIP*, from the income of a fund of \$5,700, given by the late Samuel Walley Brown of the class of 1866; \$230 is awarded to that member of the sophomore class who at the end of his sophomore year shall in the estimation of the Trustees rank highest in his class in character, class leadership, scholarship, and athletic ability.

JOHN WILLIAMS McGRATH, '51

*THE FRANK A. HOSMER SCHOLARSHIP*, from the income of a fund of \$14,200 established by Frank A. Hosmer of the class of 1875; \$565 is awarded to that member of the sophomore class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman year.

DOUGLAS FRANKLIN WILLIAMSON, JR., '52

*THE PORTER ADMISSION PRIZE*, from the income of a fund of \$1,100, given by the late Eleazer Porter of Hadley; \$40 is awarded each year to the member of the entering freshman class who is judged to have the best general record on the College Board tests taken for admission to Amherst. The name of the successful candidate, together with that of his school, is published in the catalogue.

WILLIAM DAVID SLAWSON, '53  
East Grand Rapids High School  
East Grand Rapids, Mich.

*THE PSI UPSILON PRIZE*, from the income of a fund of approximately \$4,400, established by the Gamma Chapter of Psi Upsilon in 1941 on the occasion of the Centennial Anniversary of the founding of the Chapter; \$150 is awarded to that member of the graduating class who, in the opinion of a committee consisting of the President of the College, the Dean, and the Director of Physical Education, is considered to be, in the terms of the Ancient Athenian oath,\* the "first citizen" of the College.

HARRY GEORGE BARNES, JR., '49

*THE JOHN SUMNER RUNNELLS MEMORIAL*, from the income of a fund of \$5,800, given in memory of John Sumner Runnells of the class of 1865; \$230 is awarded to that member of the sophomore class who shall in the opinion of the Trustees of the College be preëminent in his zeal for knowledge and industry to attain it.

EDWARD HOLTON BENSLEY, '51

\*"I will not disgrace the soldier's arms, nor abandon the comrade who stands at my side; but whether alone or with many, I will fight to defend things sacred and profane. I will hand down my country not lessened, but larger and better than I have received it. I will accept readily and with understanding the verdicts of our judges, and I will obey the established laws and such other laws as the people may establish. If anyone shall attempt to overthrow the laws, I will not permit it, but whether alone or with many, I will fight to defend them; and I will honor the religion of our fathers. The gods attest this oath!"

*OBED FINCH SLINGERLAND MEMORIAL PRIZE*, from the income of a fund given by an anonymous donor; \$100 is awarded by the Trustees of the College to that member of the junior class, who, during his first three years at Amherst, has shown by his own determination and accomplishment the greatest appreciation of and desire for a college education; the award to be based upon demonstrated achievement with full consideration given to the external handicaps, financial and otherwise, under which his record was attained; in case of uncertainty the Trustees are to be guided by the example set by Obed Finch Slingerland.

WILLIAM MARIO GENOVESE, '50

*THE STANLEY V. and CHARLES B. TRAVIS PRIZE*, from the income of a fund of \$2,200, given by the late Charles B. Travis of the class of 1864; \$85 is awarded to that member of the graduating class who has made the most improvement as a man and as a scholar during his college course.

Divided equally between

FRANK CARLISLE HARTZELL, JR., '49

PHILIP STRONG HUMPHREY, '49

*THE TREADWAY INTERFRATERNITY SCHOLARSHIP TROPHY*, a silver cup, given by Hon. Allen Treadway of the class of 1886, in memory of his son, Charles Denton Treadway, awarded to that fraternity or the group of all non-fraternity men which has attained the highest scholastic average during the previous academic year.

PHI GAMMA DELTA FRATERNITY

*THE WOODS PRIZE*, an annual gift of \$60 in memory of the late Josiah B. Woods of Enfield, is awarded for outstanding excellence in culture and faithfulness to duty as a man and as a scholar—particular attention being given in any prominent case to improvement during the four years' course.

Divided equally between

FRANK CARLISLE HARTZELL, JR., '49

PHILIP STRONG HUMPHREY, '49

*Other Prizes*

*THE HOWARD HILL MOSSMAN TROPHY*, awarded annually to the member of the senior class, who, in the opinion of a committee consisting of the President of the College, the Dean, the Director of Intercollegiate Athletics, the Professor of Physical Education, and the President of the Student Council, has brought, during his four years at Amherst, the greatest honor in athletics to his Alma Mater—the word “honor” to be interpreted as relating both to achievement and to sportsmanship.

LEWIS JAMES HAMMOND, JR., '49

*THE LINCOLN LOWELL RUSSELL PRIZE*, from the income of a fund of \$1,100 given by the late J. W. Russell, Jr. of the class of 1899 in memory of his son; \$40 is awarded to that member of the graduating class who has done most to foster the singing spirit in Amherst College.

Divided equally between

ANDREW LAWRENCE KELEMEN, '49

WORTHINGTON MAYO-SMITH, '49

# Degrees Conferred April 23, 1949

## BACHELOR OF ARTS

### *Magna cum Laude*

William Henry Gerdts, Jr.

*History*

Spencer Sweet Shannon, Jr.

*Geology*

### *cum Laude*

Richard Morse Chapin

*Mathematics*

Basil Justin Fontenoy Mott, Jr.

*History*

Charles Havard Perkins

*Economics*

Alan Marvin Jay Sternlieb

*Mathematics*

Richard Fallis Stolz, Jr.

*History*

Robert Peter Sylvester

*Philosophy*

### *Rite*

Fayette Hinds Branch, Jr.

Lawrence Wager Burt

Richard Sargent Cochran

James Alexander Corrigan

David Theodore Cross

Paul DeSerio, Jr.

Edward Elwood DuVall, Jr.

John Hiram Farnham, Jr.

Manuel C. Fernandez

George Dewey Fox

Miguel Angel Garcia

Ralph Benjamin Gilpatrick, Jr.

John Thomas Gyger, Jr.

Lewis James Hammond, Jr.

Thomas Richard Hickey

Edward Bering Hitchcock, Jr.

John Whitman Howard

William Anchell Kellner

Allan Murray Kluger

John Harold McKeon

Samuel Taylor Moore, Jr.

Harold Morley

John Frederick Muller, Jr.

Robert Folsom Perry, Jr.

Charles Anderson Pratt

Thomas Francis Purcell

Richard Walton Steketee

Ben Frank Stoltzfus

Howard Edward Sullivan, Jr.

Morrill Parker Van Hoogenstyn

Henry Oliver White

Jack Alvin Ziebarth

# Degrees Conferred June 12, 1949

## BACHELOR OF ARTS

### *Summa cum Laude*

Harry George Barnes, Jr.

*French*

Douglas Hamilton Heath

*Psychology*

Walter Milton Spink

*Fine Arts*

### *Magna cum Laude*

Rudolph Philippi Atton

*Philosophy*

William Skelly Burford

*English*

Ralph Edwin Goldslager

*Economics*

Frederick Davis Greene, II

*Chemistry*

Frank Carlisle Hartzell, Jr.

*Physics*

Ralph Noble Hayden

*Biology*

Andrew Lawrence Kalemien

*Economics*

James Claude King

*Physics*

William Hamilton King

*History*

James Ackley Maxwell, Jr.

*German*

Peter Windon Moyer

*Economics*

George Clark Pendleton, Jr.

*History*

William Richard Poirier

*English*

John Joseph Scanlon

*Economics*

Paul Joseph Sullivan

*Psychology*

Robert Garland Tucker

*English*

### *cum Laude*

James Guthrie Bandeen

*Economics*

Edwin Bernard Barnett

*Political Science*

Alan Lincoln Burns, Jr.

*History*

Donald Geoffrey Chandler

*Mathematics*

Frank Justus Clark

*French*

Solomon Frederick Cushman, Jr.

*Astronomy*

Robert Walter Eissenmenger

*Economics*

Richard Bunton Evans, Jr.

*Physics*

John Charles Gill

*Political Science*

Chester March Goldman

*Classics*



|   |  |
|---|--|
| Walter Chapin Harris<br><i>Chemistry</i>                    | John Stanley Osborne Pearson<br><i>History</i> |
| Andrew Noah Heine<br><i>Political Science</i>               | Andrew Jackson Porter, Jr.<br><i>English</i>   |
| Donald Louis Hersh<br><i>History</i>                        | Robert Elwyn Preston<br><i>Music</i>           |
| Donald Carl Hoesterey<br><i>Physics</i>                     | Richard Carl Simon<br><i>Economics</i>         |
| Philip Strong Humphrey<br><i>Biology</i>                    | Archibald Donald Smith<br><i>Psychology</i>    |
| Robert Edward Jones<br><i>Political Science</i>             | Peter Talbot<br><i>History</i>                 |
| Paul Joseph Keller, Jr.<br><i>Physics</i>                   | Herbert Murray Talcoff<br><i>Mathematics</i>   |
| William Straker Kimball<br><i>Mathematics and Astronomy</i> | Lucius Harrison Thayer, II<br><i>French</i>    |
| Woodward Kingman<br><i>History</i>                          | William Ralph Walton<br><i>Geology</i>         |
| Herbert Leslie Kinney<br><i>Political Science</i>           | Robert Morris Watkins<br><i>Economics</i>      |
| Andrew Morrison Linn, Jr.<br><i>Philosophy</i>              | Glenn Louis Werly, Jr.<br><i>Economics</i>     |
| John Warren Maxson, Jr.<br><i>Psychology</i>                | Robert Rombout White, III<br><i>Biology</i>    |
| David Megirian<br><i>Chemistry</i>                          | David French Wynne<br><i>Economics</i>         |
| Thaddeus Stephen Mizwa<br><i>Psychology</i>                 |  |

*Rite*

|                         |                              |
|-------------------------|------------------------------|
| Herbert Patrick Adams   | John Daniel Bissell          |
| Karl Christopher Allan  | George Theodore Bliss        |
| Richard Addison Allen   | James Burdette Bostwick, Jr. |
| John Stewart Alsop      | Nehemiah Boynton, III        |
| Asa Scott Anderson, Jr. | James David Brophy, Jr.      |
| William Gordon Anderson | Ernest William Bush          |
| Seth Harry Baker        | Dudley Wilcox Butler         |
| Charles William Barnard | John Francis Butler          |
| Sidney Brewster Barteau | Robert Dana Cambridge        |
| Walter Ludwig Benson    | Kenneth Donald Carpenter     |
| H. Cerf Berkowitz       | Edward Andrew Carson         |
| Edward Bernard          | Willard Campbell Case        |
| David Norton Berry      | Paul Allison Cassel          |

Charles Edward Chesebrough  
Leon Richard Christenson  
James Robert Claiborne, III  
George Henry Cobb, II  
Rayner Gilbert Corleis  
James Alexander Corrigan  
Kevin Corrigan  
George Manley Crabtree  
John Thomas Curran, Jr.  
Frank Raymond Cutter  
Theodore Nelson Danforth  
Robert Tillotson Daniels  
Raymond Witham Daum  
Robert Johnston Davis, Jr.  
William John Davison, III  
Robert William Deleot  
George Raymond Devine  
Joseph Morton Dietz  
James Frederick Doherty  
Robert Charles Doran  
Hugh Douglas  
Raymond Totman Drew  
Walter Kremer Durham, Jr.  
John Leif Eareckson  
David Ayers Eaton  
William Morton Edison  
Eric Steuer Epstein  
Donald Raymond Evans  
George Newlin Ewing, Jr.  
John Stuchell Fisher, II  
Walter Trent Flower  
Thomas Quayle Fulton  
John David Gans  
Frederic John Gardner  
Robert William Gibson  
James Welch Glen  
David Louis Gold  
Thomas White Goodnow  
Jesse Paul Greenberg  
Robert Donald Smith Gregor  
William Henry Hall  
Robert Patterson Hastey, Jr.  
William Bryant Hazen

Robert Lind Hechler  
Arthur Matthias Hettich  
Dwight Henry Hibbard  
Stanley Roberts Hobart  
Earl Wade Hubbard  
George Richard Jonelunas  
Raymond William Jones, Jr.  
Ralph Thompson Keeler  
John Willis Keene  
Edward Francis Kelley, Jr.  
Clark Bertel Kelsey, Jr.  
Joseph Ramsdell Kingman, III  
Peter Hooker Klaussen  
Henry Clifford Koehler  
James Koromilas  
Peter S. Koromilas  
David Guibord Kunz  
Nicholas John La Gattuta  
Robert Chase Lane  
John Edward Larson  
Donald James McCloskey  
David Dixon McNeish  
Stanford Arthur Madson  
Robert Francis Mahar  
James Konstantin Makrianes, Jr.  
George Steven Maniatty  
John Steven Maniatty  
Kareem Lewis Marks  
Silas Sterling Matteson  
Worthington Mayo-Smith  
John Cleveland Metcalf  
John Lee Middleton, Jr.  
Donald Fisher Miller, Jr.  
Richard Charles Mulroy, Jr.  
Kirk Munroe  
Charles Phillips Murphy  
David Allan Nagle  
Francis Chandler Newton, Jr.  
James Beach Newton  
John Knox Nimock  
Chandler Alban Oakes, III  
George Roger Ottignon  
William Richard Park

Thomas Wolfe Pearlman  
 Linn Bruce Perkins  
 Donald Henry Pickard  
 Henry Martin Polhemus, Jr.  
 Saverio Provenzano  
 Donald James Rappoli  
 Robert Stanley Reid, Jr.  
 Gerald Dunphy Reilly  
 Donald Brown Riefler  
 Donald Verlin Roberts  
 John Lewis Hay Rock  
 Willis Rogers, Jr.  
 Theodore Adolph Rogowski  
 Walter Alfred Rose  
 Ivar Andrew Rosendale  
 Howard Nathaniel Rosenthal  
 Richard Humbert Sands  
 Stephen Reid Schneible  
 Tully Scott  
 Horace Seldon  
 John Lester Shaw  
 John Andrus Shepard  
 David Ficke Simonson  
 John Rowcliffe Skeeel  
 Robert Douglas Smith  
 Austen Gifford Smithers  
 Robert Thomas Snedeker

Reynolds Somers  
 Robert Walker Speier  
 David Henry Steel  
 John Pevey Stevenson  
 Francis Patrick Tehan  
 Henry John Testa, Jr.  
 Richard Edmonds Thacher  
 John Clyde Thomas, Jr.  
 Thomas Bolan Thompson  
 John Polk Thomson  
 Toussaint T. Tildon, Jr.  
 Robert Wyman Timbie  
 Arthur Randall Tooker  
 Leonard Steele Trester  
 Richard Ringo Van Buren  
 Kenneth Earl Waldron  
 Theodore George Walker, III  
 Leon Edward Waskiewicz  
 Alan Crawford Webber  
 Richard Napoleon Wegrzynek  
 Francis Raymond Welles  
 Thomas Lawrence Wheeler  
 Chauncey Lawrence Williams, Jr.  
 Marvin John Williams, Jr.  
 Robert Fellows Wood, II  
 James Biddle Yarnall

## MASTER OF ARTS

Robert Evan Davis  
 Willoughby GoodSmith

Howard Edgar Grout  
 Philip Standish Thayer  
 Martin Louis Vogel

# Degrees Conferred November 1, 1949

## BACHELOR OF ARTS

### *Rite*

Ezra Bowen  
Paul Stratton Dickens  
Richard Clark Gillett  
Donald Samuel Linton, Jr.  
Jose Eugenio Lopez  
Robert Martin

James Mechta  
John Philip Minty, Jr.  
Robert Charles Nienaber  
John James Pappas  
David Shriver Soliday, Jr.  
William Henry Thompson

# Honorary Degrees Conferred June 12, 1949

## MASTER OF ARTS

Frederick Walbridge Hoeing  
Joseph Ramsdell Kingman, Jr.

## DOCTOR OF SCIENCE

Henry Butler Allen

## DOCTOR OF HUMANE LETTERS

Talcott Parsons

## DOCTOR OF LAWS

Ralph Albert Van Meter  
Henry Plimpton Kendall  
Willard Long Thorp  
Sir Oliver Shewell Franks

## Medal for Eminent Service Awarded June 12, 1949

Frederic Marsena Butts, 1909





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## IV

### *Enrollment*

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# Enrollment

## FALL SEMESTER

1949-1950

### Graduate Students

|                                 |   |
|---------------------------------|---|
| Adams, Herbert Patrick          | <i>Strafford, Pa.</i>                   |
| Castañó, Carlos Arturo          | <i>Valle del Cauca, Colombia, S. A.</i> |
| Chapin, Lucy Olds               | <i>Amherst, Mass.</i>                   |
| Cushman, Solomon Frederick, Jr. | <i>Agawam, Mass.</i>                    |
| Cynarski, Jeannette             | <i>Amherst, Mass.</i>                   |
| Ellis, John Francis             | <i>Torrington, Conn.</i>                |
| Gibson, John Browning           | <i>Cleveland Heights, Ohio</i>          |
| Goodman, Charles David          | <i>Brooklyn, N. Y.</i>                  |
| Gross, Samuel                   | <i>Marblehead, Mass.</i>                |
| Gula, Alice Teresa              | <i>Easthampton, Mass.</i>               |
| Hall, Alden Barker              | <i>Blairstown, N. J.</i>                |
| Hatlem, Edward Gerhardt         | <i>Taylor, Wis.</i>                     |
| Keevil, Charles Samuel, Jr.     | <i>Auburndale, Mass.</i>                |
| Lamy, Francois                  | <i>Paris, France</i>                    |
| Miller, Tilford Day             | <i>Wilton, Conn.</i>                    |
| Provenzano, Saverio             | <i>Huntington, L. I., N. Y.</i>         |
| Sands, Richard Humbert          | <i>Brooklyn, N. Y.</i>                  |
| Skillings, Henry Hills          | <i>Amherst, Mass.</i>                   |
| Stahlman, William Duane         | <i>Amherst, Mass.</i>                   |
| Sullivan, Howard Edwards, Jr.   | <i>Haddonfield, N. J.</i>               |
| Taylor, Loraine Frances         | <i>Amherst, Mass.</i>                   |
| Theriault, Doris Lillian        | <i>Amherst, Mass.</i>                   |

### Senior Class

|                              |                             |
|------------------------------|-----------------------------|
| Ainsworth, Gordon Ross       | <i>Moline, Ill.</i>         |
| Aitken, Donald Clarke        | <i>Schenectady, N. Y.</i>   |
| Alvord, John Sanborn         | <i>Ojai, Calif.</i>         |
| Anderson, David William      | <i>West Roxbury, Mass.</i>  |
| Anderson, Forrest Gillespie  | <i>New York, N. Y.</i>      |
| Anderson, George Ernest, Jr. | <i>Westfield, N. J.</i>     |
| Andrews, Edmund Lathrop      | <i>Highland Park, Ill.</i>  |
| Andrews, Stafford Elmore     | <i>Shaker Heights, Ohio</i> |
| Answorth, Robert Hobart      | <i>Beverly, Mass.</i>       |
| Arnold, Howard Willis        | <i>Norwalk, Conn.</i>       |
| Aronson, John Ferguson       | <i>Wayne, Pa.</i>           |

|                                |                                  |
|--------------------------------|----------------------------------|
| Athanason, George Athanase     | <i>Hartford, Conn.</i>           |
| Atkinson, Theodore Mayo, Jr.   | <i>Winchester, Mass.</i>         |
| Austen, Frank Karl             | <i>Akron, Ohio</i>               |
| Babcock, Phillips              | <i>Jersey City, N. J.</i>        |
| Bach, Carl Henry, Jr.          | <i>Evanston, Ill.</i>            |
| Bailey, Robert Lyman           | <i>Rockford, Ill.</i>            |
| Baker, Arthur Ruey, Jr.        | <i>Chappaqua, N. Y.</i>          |
| Baliozian, Mardick             | <i>Larchmont, N. Y.</i>          |
| Balmos, James Hutchinson       | <i>Montclair, N. J.</i>          |
| Balmuth, Jerome                | <i>New York, N. Y.</i>           |
| Banta, Henry Hyde, Jr.         | <i>Plainfield, N. J.</i>         |
| Banta, Joseph Edward           | <i>New York, N. Y.</i>           |
| Barker, Charles Anson          | <i>Cornwall-on-Hudson, N. Y.</i> |
| Barnes, Louis Byington         | <i>St. Paul, Minn.</i>           |
| Barnett, Richard Earl          | <i>New York, N. Y.</i>           |
| Barry, Edward John             | <i>Holyoke, Mass.</i>            |
| Becker, Max, Jr.               | <i>Buffalo, N. Y.</i>            |
| Becker, William Merrill, Jr.   | <i>Forest Hills, N. Y.</i>       |
| Beitzel, George Bickley        | <i>Springfield, Pa.</i>          |
| Bergin, John Francis           | <i>New Haven, Conn.</i>          |
| Black, Rodman Richardson       | <i>Saylesville, R. I.</i>        |
| Bladen, Ashby                  | <i>Glen Ridge, N. J.</i>         |
| Blair, E. A. Grosvenor         | <i>Bryn Mawr, Pa.</i>            |
| Blanton, Alexander John        | <i>Bradford, R. I.</i>           |
| Blenko, Don Balman             | <i>Allison Park, Pa.</i>         |
| Boluch, Theodore               | <i>Amherst, Mass.</i>            |
| Bond, William Bradford         | <i>Brookline, Mass.</i>          |
| Bozarth, Donald Franklin       | <i>Walpole, Mass.</i>            |
| Bracher, Harold Hamblin, Jr.   | <i>Westfield, N. J.</i>          |
| Bradner, John Henry            | <i>Warwick, N. Y.</i>            |
| Bragdon, Paul Errol            | <i>Portland, Maine</i>           |
| Brainerd, George Winthrop, Jr. | <i>Newton Highlands, Mass.</i>   |
| Brooks, Frank Allard           | <i>Oxford, Ohio</i>              |
| Brown, Boardman Warren         | <i>Seattle, Wash.</i>            |
| Brown, Winthrop Wood's         | <i>Washington, D. C.</i>         |
| Buchanan, John Robert          | <i>Fair Haven, N. J.</i>         |
| Buffington, Richard            | <i>Sewickley, Pa.</i>            |
| Burke, Lawrence Paul, Jr.      | <i>Rockville Centre, N. Y.</i>   |
| Burns, Donald Schofield        | <i>Boston, Mass.</i>             |
| Burns, Ward                    | <i>Rehoboth, Mass.</i>           |
| Butler, Donald Warren          | <i>Holyoke, Mass.</i>            |

Butler, John Parkman  
 Button, Peter Avery  
 Calvert, George Edward  
 Canfield, Don Denton, Jr.  
 Cavins, John Alexander  
 Chamberlain, Robert Haines  
 Chamberlain, Robert Strong  
 Chapin, Wallace Arey  
 Chidsey, Irving Lanfair, Jr.  
 Chrisler, Tanner Shiel  
 Church, Arthur Burdette, Jr.  
 Clarahan, Richard Kelley  
 Clark, Maurice A., Jr.  
 Clark, Stirrat Holman  
 Clarke, Roderick  
 Cobb, Edward Douglas  
 Cobden, Bruce  
 Collingwood, James Parker  
 Conant, George Freeman  
 Cooney, David Paul  
 Coppedge, Robert Locke  
 Crane, Philip  
 Crane, Robert Travis  
 Cranshaw, Philip Williams  
 Cross, Warren  
 Crossen, Philip Sturgeon  
 Crouse, Robert Perot  
 Crowther, Clifford Woodworth  
 Dalton, Harry Inglis  
 Dana, George Russell, Jr.  
 Darsie, Thomas Chalmers, II  
 de Gozzaldi, Philip Schuyler  
 Deming, Chandler Robert  
 DeSimone, Samuel Richard  
 Dewey, Robert Arthur  
 Dickins, Eugene Macy, Jr.  
 Diver, Frank Westby, Jr.  
 Donati, Corso Gualtiero  
 Dowling, Robert Weber  
 Draper, Thomas John, Jr.  
 Draper, Walter Dillaway, Jr.  
 Dunbar, Donald Cowing

*Clayton, Mo.*  
*South Hadley, Mass.*  
*Scarsdale, N. Y.*  
*Great Neck, N. Y.*  
*Terre Haute, Ind.*  
*Norwood, Mass.*  
*Westerly, R. I.*  
*Amherst, Mass.*  
*Longmeadow, Mass.*  
*St. Louis, Mo.*  
*Kansas City, Mo.*  
*St. Louis, Mo.*  
*Rochester, N. Y.*  
*Cincinnati, Ohio*  
*Utica, N. Y.*  
*Columbus, Ohio*  
*Troy, N. Y.*  
*Kingston, Mass.*  
*Washington, D. C.*  
*Evanston, Ill.*  
*Cleveland Heights, Ohio*  
*Lawrence, L. I., N. Y.*  
*Yonkers, N. Y.*  
*West Newton, Mass.*  
*Wellesley Hills, Mass.*  
*Clayton, Mo.*  
*Johnstown, Pa.*  
*Newtonville, Mass.*  
*West Springfield, Mass.*  
*Lowell, Mass.*  
*Plainfield, N. J.*  
*Framingham, Mass.*  
*New Haven, Conn.*  
*Worcester, Mass.*  
*Willoughby, Ohio*  
*Middleville, N. Y.*  
*Wilmington, Del.*  
*Westerly, R. I.*  
*Cleveland, Ohio*  
*New York, N. Y.*  
*Evanston, Ill.*  
*Andover, Mass.*

|                                 |                            |
|---------------------------------|----------------------------|
| Durfey, John Quincy, II         | <i>Springfield, Ohio</i>   |
| Eagleton, Thomas Francis        | <i>St. Louis, Mo.</i>      |
| Eastman, George Yale            | <i>Summit, N. J.</i>       |
| Eddy, David Gordon              | <i>Avon, Conn.</i>         |
| Edwards, Thomas Robert, Jr.     | <i>Kenmore, N. Y.</i>      |
| Eldredge, Thomas Harte          | <i>Kew Gardens, N. Y.</i>  |
| Elliott, Phil Thomas, Jr.       | <i>Rochester, N. Y.</i>    |
| Emerson, Dow Eldon, Jr.         | <i>Belmont, Mass.</i>      |
| Esquirol, John Henry, Jr.       | <i>Southport, Conn.</i>    |
| Esty, John Cushing, Jr.         | <i>Chappaqua, N. Y.</i>    |
| Evans, David Winston            | <i>Utica, N. Y.</i>        |
| Ewing, Charles Henry            | <i>Rydal, Pa.</i>          |
| Fernald, Richard Russell        | <i>West Newton, Mass.</i>  |
| Fiske, Anthony Ronald           | <i>Watertown, N. Y.</i>    |
| Foerster, Richard Devereaux     | <i>Hartland, Wis.</i>      |
| Foote, Theodore                 | <i>Amherst, Mass.</i>      |
| Foster, Richard Benedict        | <i>Yalesville, Conn.</i>   |
| Fourré, Jean Dominique          | <i>Paris, France</i>       |
| Freeman, Robert Burns, Jr.      | <i>Greenwich, Conn.</i>    |
| Frey, Dempwolf                  | <i>Cedarville, Ohio</i>    |
| Fulton, James Francis           | <i>Belmont, Mass.</i>      |
| Galbraith, Alex McNicol         | <i>Downers Grove, Ill.</i> |
| Galbreath, Daniel Mauck         | <i>Columbus, Ohio</i>      |
| Garrigan, Terrence Dale         | <i>Akron, Ohio</i>         |
| Garvin, Harry Clark             | <i>Cleveland, Ohio</i>     |
| Gates, William Merritt Boynton  | <i>Greenfield, Mass.</i>   |
| Genovese, William M.            | <i>Winthrop, Mass.</i>     |
| Geraghty, Joseph Anthony        | <i>New York, N. Y.</i>     |
| Getz, Thomas Gray               | <i>Moline, Ill.</i>        |
| Gibson, George Michael          | <i>Kenmore, N. Y.</i>      |
| Gillies, John Sinclair, Jr.     | <i>Radburn, N. J.</i>      |
| Grant, Richmond Horton          | <i>Encino, Calif.</i>      |
| Gray, Joseph Howard, Jr.        | <i>Elizabeth, N. J.</i>    |
| Greene, Thayer Ainsworth        | <i>New Britain, Conn.</i>  |
| Griffiths, Paul Frear           | <i>Rangoon, Burma</i>      |
| Grimes, George Hall             | <i>Highland Park, Ill.</i> |
| Halsey, Robert Frederick        | <i>Terre Haute, Ind.</i>   |
| Ham, Robert Arthur              | <i>West Haven, Conn.</i>   |
| Hampson, Joseph Raymond, Jr.    | <i>Pittsfield, Mass.</i>   |
| Handyside, Holsey Gates         | <i>Bedford, Ohio</i>       |
| Hardy, Leesley Barker           | <i>Waukesha, Wis.</i>      |
| Hartwell, Shattuck Wellman, Jr. | <i>Muskegon, Mich.</i>     |



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|-----------------------------------|----------------------------------|
| Hatch, Robert Phillips            | <i>Fairfield, Conn.</i>          |
| Haus, William Craig               | <i>Brattleboro, Vt.</i>          |
| Hawkins, James Alexander          | <i>Springfield, Mass.</i>        |
| Head, Charles Rollin              | <i>Evanston, Ill.</i>            |
| Heald, Robert Thayer              | <i>South Weymouth, Mass.</i>     |
| Higgins, Edwin Carlton, Jr.       | <i>Manchester, Conn.</i>         |
| Hiller, George Elmer              | <i>Highland Park, Ill.</i>       |
| Hinrichs, Robert August           | <i>Great Neck, N. Y.</i>         |
| Hirzel, Conrad Robert             | <i>Fair Lawn, N. J.</i>          |
| Hobbs, Field Howard               | <i>Livingston, N. J.</i>         |
| Hollister, Frederick Burritt, Jr. | <i>Summit, N. J.</i>             |
| Holmes, Donald Bruce              | <i>Jenkintown, Pa.</i>           |
| Hopkins, Richmond Benner          | <i>Rye, N. Y.</i>                |
| Horney, George Estel, Jr.         | <i>Pittsburgh, Pa.</i>           |
| Horty, John Francis               | <i>Johnstown, Pa.</i>            |
| Howard, James Guy                 | <i>Milwaukee, Wis.</i>           |
| Hoyer, Paul Victor                | <i>South Orange, N. J.</i>       |
| Hubbard, Edwin Lawrence           | <i>Webster, Mass.</i>            |
| Hubbard, John Wishart             | <i>White Plains, N. Y.</i>       |
| Huggins, Robert Alan              | <i>Rochester, N. Y.</i>          |
| Hunter, David Wittmer             | <i>Allison Park, Pa.</i>         |
| Huson, Robert Elliot              | <i>San Mateo, Calif.</i>         |
| Hyde, Alan Litchfield             | <i>Hudson, Ohio</i>              |
| Jackson, Charles Llewellyn        | <i>Rochester, N. Y.</i>          |
| Jackson, Robert Blake             | <i>Belchertown, Mass.</i>        |
| James, Seldon Taylor, Jr.         | <i>Montevideo, Uruguay</i>       |
| Jardine, Alexander James, Jr.     | <i>Brooklyn, N. Y.</i>           |
| Jellison, Edward Wallace          | <i>Freeport, Maine</i>           |
| Johnson, Chandler Burbidge, Jr.   | <i>Hartford, Conn.</i>           |
| Johnson, John Brooks, Jr.         | <i>West Hartford, Conn.</i>      |
| Johnson, Robert Edward, Jr.       | <i>Clifton, N. J.</i>            |
| Jones, Freeman Streeter           | <i>Amherst, Mass.</i>            |
| Jones, Robert Douglas             | <i>Basking Ridge, N. J.</i>      |
| Jordan, John Harlan               | <i>Amherst, Mass.</i>            |
| Judge, David Howard               | <i>South Hadley Falls, Mass.</i> |
| Juergens, George William          | <i>Rome, N. Y.</i>               |
| Kaempf, Donald Harold             | <i>New York, N. Y.</i>           |
| Kaplan, Jay Marvin                | <i>Worcester, Mass.</i>          |
| Keiler, Pendleton Cooke           | <i>Providence, R. I.</i>         |
| Keith, Alexander Macdonald        | <i>Rochester, Minn.</i>          |
| Kelley, Dana Robineau             | <i>White Plains, N. Y.</i>       |
| Kendall, Henry Way                | <i>Sharon, Mass.</i>             |

Kenney, Thomas Hopper  
 Knight, Frederick Raymond  
 Knowlton, Carroll Babbidge, Jr.  
 Knowlton, Robert Davis  
 Kohlbry, Stephen Terry  
 Krause, George Lynn  
 Kreitler, Paul Cornelius  
 Kuniholm, John Gardner  
 Lane, Russell Montague  
 Lawrence, Richard Harris, Jr.  
 Leary, Michael Joseph, Jr.  
 Lee, Dan  
 Leeb, Stuart  
 Leffel, Charles Poague  
 Leland, Richard Alanson  
 Lemp, Frank Marcus  
 Linton, Benjamin Harrison, Jr.  
 Lockard, Arthur Hunt  
 Lonczak, Edward Joseph  
 Long, Robert Kingsley  
 Loomis, Richard Goodman  
 Lothrop, James Elbridge  
 Low, Robert Crain  
 Lundell, Walter Thomas  
 McCormick, William Merrill  
 McKean, Robert Jackson, Jr.  
 McLaughlin, William John, III  
 McNamara, Keith  
 Major, Brooks Robinson  
 March, Philip Elwin  
 Marier, Paul Alexander  
 Marsh, David Heston  
 Marsh, John Cherrill, Jr.  
 Martin, Allen, Jr.  
 Maxson, Richard Earl  
 Mealand, Geoffrey Conklin  
 Means, David Hammond  
 Meeks, George Nelson  
 Melin, John Shaver  
 Mesick, Donald Blair  
 Meyer, Carl Edwin, Jr.  
 Middleton, Herbert Hunter, Jr.

*Florence, Mass.*  
*Ellwood City, Pa.*  
*West Medford, Mass.*  
*West Medford, Mass.*  
*Webster Groves, Mo.*  
*St. Louis, Mo.*  
*Millburn, N. J.*  
*Gardner, Mass.*  
*Pawtucket, R. I.*  
*Fitchburg, Mass.*  
*Norwich, Conn.*  
*Seoul, Korea*  
*Chagrin Falls, Ohio*  
*Evanston, Ill.*  
*Amherst, Mass.*  
*Oak Park, Ill.*  
*Philadelphia, Pa.*  
*Glen Ridge, N. J.*  
*Chicopee, Mass.*  
*Winnetka, Ill.*  
*West Hartford, Conn.*  
*Dover, N. H.*  
*New Rochelle, N. Y.*  
*Manhasset, N. Y.*  
*Providence, R. I.*  
*Mt. Vernon, N. Y.*  
*Wyncote, Pa.*  
*Columbus, Ohio*  
*Bronxville, N. Y.*  
*Nashua, N. H.*  
*Andover, Mass.*  
*Brooklyn, N. Y.*  
*East Orange, N. J.*  
*Pelham Manor, N. Y.*  
*North Amherst, Mass.*  
*Shaker Heights, Ohio*  
*Lebanon, Pa.*  
*Vancouver, Canada*  
*Springfield, Ill.*  
*Greenwich, N. Y.*  
*Great Neck, N. Y.*  
*Wynnewood, Pa.*

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| Miller, Craig Holmes           | <i>Montclair, N. J.</i>       |
| Miller, Douglas Lee            | <i>Swampscott, Mass.</i>      |
| Miller, George DeWitt, Jr.     | <i>Birmingham, Mich.</i>      |
| Miller, Harold Frank, Jr.      | <i>New Rochelle, N. Y.</i>    |
| Miller, Harold Robert          | <i>Stillwater, Okla.</i>      |
| Miller, Harry Charles, Jr.     | <i>Ridgewood, N. J.</i>       |
| Miller, Robert Douglas         | <i>Strafford, Pa.</i>         |
| Mitchell, John Houston, Jr.    | <i>Springfield, Mass.</i>     |
| Mixer, Theodore Glenn          | <i>Flint, Mich.</i>           |
| Moffat, Samuel Johnston        | <i>New York, N. Y.</i>        |
| Molin, Sven Eric               | <i>Wilmington, Del.</i>       |
| Monroe, Parker Lewis, II       | <i>Providence, R. I.</i>      |
| Moore, D. Reynolds             | <i>Brooklyn, N. Y.</i>        |
| Moore, H. Bigelow              | <i>Wellesley, Mass.</i>       |
| Mori, Eugene Ewan              | <i>Vineland, N. J.</i>        |
| Morris, Duane                  | <i>Barberton, Ohio</i>        |
| Mouen, Grafton Martin          | <i>Maumee, Ohio</i>           |
| Moulton, Pierre Bracq          | <i>Wellesley Hills, Mass.</i> |
| Mousseau, Clarence Milner      | <i>Newburgh, N. Y.</i>        |
| Mueller, Robert Louis          | <i>University City, Mo.</i>   |
| Mullen, Thomas Paul            | <i>New Britain, Conn.</i>     |
| Müller, Rowland Holcombe       | <i>New York, N. Y.</i>        |
| Munn, John Pier, III           | <i>Summit, N. J.</i>          |
| Murray, Wallace Joseph, Jr.    | <i>Rumford, R. I.</i>         |
| Nance, James Battelle          | <i>Glencoe, Ill.</i>          |
| Nathan, Hardy Lewis            | <i>Yonkers, N. Y.</i>         |
| Neimeyer, John Calvin, Jr.     | <i>St. Paul, Minn.</i>        |
| Nesbitt, Donald Frederick, Jr. | <i>Springfield, Mass.</i>     |
| Neuhoff, Roger Alan            | <i>Great Neck, N. Y.</i>      |
| Newton, Robert Augustine       | <i>Newton Center, Mass.</i>   |
| Nicholson, Brandt              | <i>Glencoe, Ill.</i>          |
| Nisotis, Gabriel Elefterios    | <i>Hartford, Conn.</i>        |
| Nixon, John Russell            | <i>Wabash, Ind.</i>           |
| Noyes, George Edward           | <i>Evanston, Ill.</i>         |
| Oakes, David Logan             | <i>Mexico, N. Y.</i>          |
| O'Brien, Donald Francis        | <i>Elizabeth, N. J.</i>       |
| Oliver, Donald William         | <i>North Windham, Conn.</i>   |
| Owen, Harold Holmes, Jr.       | <i>Concord, N. H.</i>         |
| Owens, Carl Clifton, III       | <i>Wayland, Mass.</i>         |
| Owens, Thomas James            | <i>Pittsburgh, Pa.</i>        |
| Paige, Henry Hall              | <i>Alpine, N. J.</i>          |
| Palmer, David Ross             | <i>Waban, Mass.</i>           |

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| Palmer, Gerard Beekman                 | <i>New York, N. Y.</i>           |
| Park, Irwin Leonard, Jr.               | <i>Philadelphia, Pa.</i>         |
| Parkhurst, Kenneth Langroise           | <i>Bangor, Pa.</i>               |
| Parsons, John McCleery                 | <i>Corning, N. Y.</i>            |
| Parsons, Samuel Allen                  | <i>Signal Mountain, Tenn.</i>    |
| Parsons, Willis Gilman, Jr.            | <i>Hartford, Conn.</i>           |
| Pearson, Craig Morgan                  | <i>Middletown, Conn.</i>         |
| Pendleton, George Porter, Jr.          | <i>West Springfield, Mass.</i>   |
| Penniman, Charles Frederic, Jr.        | <i>St. Louis, Mo.</i>            |
| Pettee, George Harris                  | <i>Hamilton, R. I.</i>           |
| Phelon, Kenneth White, Jr.             | <i>Tenafly, N. J.</i>            |
| Pierson, James Willis                  | <i>Glen Ridge, N. J.</i>         |
| Plimpton, Francis Taylor Pearsons, Jr. | <i>New York, N. Y.</i>           |
| Plough, Charles Tobias, Jr.            | <i>Palo Alto, Calif.</i>         |
| Plough, Paul Harwood, Jr.              | <i>Morrisville, Pa.</i>          |
| Porter, John Worthington               | <i>Amherst, Mass.</i>            |
| Porter, Samuel Hamilton                | <i>Columbus, Ohio</i>            |
| Price, Stuart Eugene, Jr.              | <i>Columbus, Ohio</i>            |
| Priesing, John Washburn                | <i>Scarsdale, N. Y.</i>          |
| Quaintance, Richard Edgecombe, Jr.     | <i>Katonah, N. Y.</i>            |
| Randall, Burton Ellsworth, Jr.         | <i>Easthampton, Mass.</i>        |
| Rea, Thatcher William, Jr.             | <i>Detroit, Mich.</i>            |
| Richards, Stanley Howe, Jr.            | <i>South Braintree, Mass.</i>    |
| Richenaker, Alan Wood                  | <i>Hackensack, N. J.</i>         |
| Rieck, Edward Ernest, II               | <i>Pittsburgh, Pa.</i>           |
| Riley, Christopher Sibley              | <i>Little Neck, L. I., N. Y.</i> |
| Rogers, David Lewis                    | <i>Chevy Chase, Md.</i>          |
| Romel, Lawrence Thomas                 | <i>Hartford, Conn.</i>           |
| Rosaaen, Hugh, Jr.                     | <i>Brentwood, Mo.</i>            |
| Roush, Galen James, Jr.                | <i>Peninsula, Ohio</i>           |
| Rowen, Edward Hammell, Jr.             | <i>New Haven, Conn.</i>          |
| Rowland, John Carrere                  | <i>Norfolk, Conn.</i>            |
| Rozefsky, Harold Irwin                 | <i>Worcester, Mass.</i>          |
| Russell, John Gordon                   | <i>Webster Groves, Mo.</i>       |
| Ryan, Thomas Francis, Jr.              | <i>Springfield, Mass.</i>        |
| Sabin, Richard Wallace                 | <i>Portland, Oregon</i>          |
| Sausser, Emerson Randolph, Jr.         | <i>Philadelphia, Pa.</i>         |
| Schermer, Lloyd Gene                   | <i>St. Louis, Mo.</i>            |
| Schiffeler, Carl Conrad                | <i>Washington, D. C.</i>         |
| Scholle, Gerard Charles                | <i>Darien, Conn.</i>             |
| Scholtz, Andrew Ayer                   | <i>Riverside, Conn.</i>          |
| Schuette, Conrad Herman Louis, III     | <i>Sewickley, Pa.</i>            |

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| Schumacher, Lewis Richard        | <i>Wyncote, Pa.</i>                 |
| Scott, William Kavanaugh         | <i>Coffeyville, Kan.</i>            |
| Selden, Charles Beckwith         | <i>Maplewood, N. J.</i>             |
| Shrewsbury, John Robert          | <i>Alexandria, Va.</i>              |
| Simons, Richard Lord Fulton      | <i>Longmeadow, Mass.</i>            |
| Sims, Walter Alexander           | <i>Pawtucket, R. I.</i>             |
| Sinclair, David Macowan          | <i>Riverside, Conn.</i>             |
| Singer, Donald Jay               | <i>New York, N. Y.</i>              |
| Sisk, John Lewis                 | <i>Madison, Wis.</i>                |
| Smart, Robert William            | <i>Amherst, Mass.</i>               |
| Smith, Clifford Hinckley, Jr.    | <i>Evanston, Ill.</i>               |
| Smith, George Franklin           | <i>Laconia, N. H.</i>               |
| Smith, James Kellum, Jr.         | <i>New York, N. Y.</i>              |
| Smith, Philip Kingsley           | <i>Minso, New Brunswick, Canada</i> |
| Smith, Robert Gibbons            | <i>Detroit, Mich.</i>               |
| Smith, Winfred Wenner, II        | <i>Coopersburg, Pa.</i>             |
| Soderbergh, Peter Andrew         | <i>East Orange, N. J.</i>           |
| Spaulding, Philip Whitney        | <i>Collinsville, Conn.</i>          |
| Speer, Richard Allan             | <i>Stamford, Conn.</i>              |
| Steadman, Evan Thomas            | <i>Amherst, Mass.</i>               |
| Steketee, Robert Dow             | <i>Grand Rapids, Mich.</i>          |
| Steuber, George Alan             | <i>Rochester, N. Y.</i>             |
| Stevenson, David Austin          | <i>Albany, N. Y.</i>                |
| Stevenson, William Albert        | <i>South Hadley, Mass.</i>          |
| Stewart, Charles Lyman           | <i>Norwich, Conn.</i>               |
| Stewart, Reed Francis            | <i>Hyde Park, Mass.</i>             |
| Stiles, Don Sharples             | <i>Wilbrabam, Mass.</i>             |
| Stisser, Frank Gridley, Jr.      | <i>Riverside, Conn.</i>             |
| Stitt, Robert Sharp              | <i>New Rochelle, N. Y.</i>          |
| Swanston, William Alexander, Jr. | <i>Hudson, Ohio</i>                 |
| Tait, John Douglas               | <i>Janesville, Wis.</i>             |
| Tamke, Frederick William, Jr.    | <i>New Orleans, La.</i>             |
| Taylor, Archie LeRoy, Jr.        | <i>Denver, Colo.</i>                |
| Taylor, Leslie Lincoln, Jr.      | <i>Springfield, Pa.</i>             |
| Teaf, Howard Morris, III         | <i>Haverford, Pa.</i>               |
| Thomas, Richard Hadley           | <i>Cleveland Heights, Ohio</i>      |
| Thompson, John William, III      | <i>Richmond Heights, Mo.</i>        |
| Thurston, Thatcher Tucker        | <i>Washington, D. C.</i>            |
| Tiffin, Jay Hopkins              | <i>Holliston, Mass.</i>             |
| Tilney, Farrar, III              | <i>Great Neck, L. I., N. Y.</i>     |
| Tingley, Nathaniel Reynolds      | <i>Providence, R. I.</i>            |
| Tingley, Samuel Bradford         | <i>Providence, R. I.</i>            |

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| Tisdall, Robert Kevin         | <i>Holyoke, Mass.</i>       |
| Todd, John Odell, Jr.         | <i>Evanston, Ill.</i>       |
| Towson, Sheldon Kerruish, Jr. | <i>Shaker Heights, Ohio</i> |
| Treat, Robert Sherman         | <i>Mamaroneck, N. Y.</i>    |
| Trefzger, Wesley Eugene       | <i>Larchmont, N. Y.</i>     |
| Tressel, Martin Mansfield     | <i>Pittsburgh, Pa.</i>      |
| Turnburke, Charles Pell       | <i>St. Paul, Minn.</i>      |
| Upham, Albert Edward Thompson | <i>Kalamazoo, Mich.</i>     |
| Upton, James Frederick        | <i>Buffalo, N. Y.</i>       |
| Utter, Wilson Fiske           | <i>Providence, R. I.</i>    |
| Valentine, Kimball, Jr.       | <i>Marblehead, Mass.</i>    |
| Vallely, Wilfred Francis, Jr. | <i>Riverside, Conn.</i>     |
| Vance, Robert Raschig, Jr.    | <i>Worthington, Ohio</i>    |
| Vaughan, Alden True           | <i>New York, N. Y.</i>      |
| Veasey, Decius Beebe          | <i>Haverhill, Mass.</i>     |
| Vigneault, Raymond Paul       | <i>Northampton, Mass.</i>   |
| von Unruh, Rudolph, Jr.       | <i>Lakewood, Ohio</i>       |
| Walker, James Lewis           | <i>Swampscott, Mass.</i>    |
| Walker, John David            | <i>Southport, Conn.</i>     |
| Washburn, Paul Carter         | <i>Worcester, Mass.</i>     |
| Webster, John Bruce           | <i>Shaker Heights, Ohio</i> |
| Weeks, Charles Moser          | <i>Shaker Heights, Ohio</i> |
| Went, Robert Arnold           | <i>Brooklyn, N. Y.</i>      |
| Wessel, Robert Morris         | <i>Philadelphia, Pa.</i>    |
| Wheeler, John Randolph        | <i>West Mystic, Conn.</i>   |
| Whitaker, Barry Grafton       | <i>Darien, Conn.</i>        |
| Whitcomb, John Faulkner       | <i>Keene, N. H.</i>         |
| White, James Hunter           | <i>Ridgewood, N. J.</i>     |
| Whorf, David Faxon            | <i>Winchester, Mass.</i>    |
| Wilder, Thomas Harper         | <i>Rochester, Vt.</i>       |
| Williams, Richard Husband     | <i>Princeton, N. J.</i>     |
| Wilson, Alan Frederick        | <i>Amherst, Mass.</i>       |
| Wimmer, James Robert          | <i>Gary, Ind.</i>           |
| Winans, Charles Augustus      | <i>Wyckoff, N. J.</i>       |
| Winston, Richard Alan         | <i>New York, N. Y.</i>      |
| Winter, John Rian, Jr.        | <i>Utica, N. Y.</i>         |
| Wiseley, William Clement      | <i>Findlay, Ohio</i>        |
| Woehrlin, William Frederick   | <i>New York, N. Y.</i>      |
| Woese, Carl Richard           | <i>Syracuse, N. Y.</i>      |
| Woodman, Dean Stuart          | <i>Mt. Prospect, Ill.</i>   |
| Woodman, Harry Andrews, Jr.   | <i>Glen Rock, N. J.</i>     |
| Wright, Ernest Hilton         | <i>Ruxton, Md.</i>          |



Young, William Johnson, II  
 Zimmerman, S. Milton, II  
 Zulfer, Anthony George, Jr.

*Georgetown, Mass.*  
*Wynnewood, Pa.*  
*Chicago, Ill.*

### Junior Class

Abbott, Lincoln Whittier  
 Ahlheim, Harry John, Jr.  
 Alexander, Philip Franklin  
 Alpert, Frank Judah  
 Anderson, Wallace Witmer, Jr.  
 Asche, Frederic Bermingham, Jr.  
 Babbott, David  
 Baker, John Hardee  
 Baldwin, James Donald  
 Bancroft, Prentice Kissam  
 Barker, James Rhodes  
 Beebe, John Harvey  
 Bell, Harry Craig  
 Bell, Hubert Waldo  
 Bensley, Edward Holton  
 Blaisdell, Nesbitt Chambers  
 Blanchard, Dean, Jr.  
 Blanton, Frederick Marsh  
 Bloor, Thomas Harold  
 Bonta, David  
 Booth, John Thomas  
 Bourne, Granville Harmon, Jr.  
 Bowers, Fredson Thayer  
 Brailey, Allen Gilbert, Jr.  
 Breckenridge, Robert Todd  
 Burton, Ellison Stanley  
 Bushman, Thomas Dixon  
 Cameron, Donald John  
 Campbell, Robert Bruce  
 Card, Glenn Frisbee, Jr.  
 Carnahan, Michael Edmund  
 Carpenter, George Baton, Jr.  
 Catherman, Forrest Nathaniel, Jr.  
 Chapin, Charles Fisher  
 Christensen, Frederik Burr  
 Christie, John Edwin  
 Church, Robert Fitz Randolph

*Weston, Mass.*  
*Glen Ridge, N. J.*  
*Shaker Heights, Ohio*  
*Boston, Mass.*  
*Cape Elizabeth, Maine*  
*Houston, Texas*  
*Bernardsville, N. J.*  
*Manhasset, L. I., N. Y.*  
*Summit, N. J.*  
*Manhasset, L. I., N. Y.*  
*Cornwall-on-Hudson, N. Y.*  
*Amherst, Mass.*  
*Piqua, Ohio*  
*Amherst, Mass.*  
*Toronto, Ontario*  
*Washington, D. C.*  
*Winchester, Mass.*  
*Bradford, R. I.*  
*Mansfield, Ohio*  
*Verona, N. J.*  
*New York, N. Y.*  
*Glen Ridge, N. J.*  
*West Newton, Mass.*  
*Newton Highlands, Mass.*  
*Cuyahoga Falls, Ohio*  
*Rochester, N. Y.*  
*Greenwich, Conn.*  
*Scarsdale, N. Y.*  
*Grosse Pointe, Mich.*  
*Boston, Mass.*  
*Orchard Park, N. Y.*  
*New Haven, Conn.*  
*Highland Park, N. J.*  
*Barrington, R. I.*  
*Beaufort, S. C.*  
*Ridgewood, N. J.*  
*Annapolis, Md.*

|                                  |                                |
|----------------------------------|--------------------------------|
| Clark, Everett Ellis             | <i>Brooklyn, N. Y.</i>         |
| Cleminshaw, Charles Holbrook     | <i>Hudson, Ohio</i>            |
| Cohan, Donald Smith              | <i>Elkins Park, Pa.</i>        |
| Coldwell, Robert Sharples        | <i>Bronxville, N. Y.</i>       |
| Conover, Julian Darst, Jr.       | <i>Chevy Chase, Md.</i>        |
| Conway, Robert James             | <i>Utica, N. Y.</i>            |
| Cook, Mercer, III                | <i>Washington, D. C.</i>       |
| Coon, Paul Francis               | <i>Winchester, Mass.</i>       |
| Coppie, John Lee, Jr.            | <i>Miami, Fla.</i>             |
| Coppola, Edward Dante            | <i>Waterford, Conn.</i>        |
| Cornish, Robert Mangum           | <i>New York, N. Y.</i>         |
| Cowperthwaite, Robert Smith, Jr. | <i>Pottstown, Pa.</i>          |
| Crowe, Arthur Samuel, Jr.        | <i>Wakefield, Mass.</i>        |
| Crump, Robert Ralph              | <i>Huntington, N. Y.</i>       |
| Cummings, William Barton, Jr.    | <i>New Rochelle, N. Y.</i>     |
| Dake, Richard Edwin              | <i>Andover, Mass.</i>          |
| Damon, Edmund Holcombe           | <i>Garden City, N. Y.</i>      |
| Damon, Russell Howe              | <i>Leominster, Mass.</i>       |
| Davis, John Sigler               | <i>Evanston, Ill.</i>          |
| Deichmiller, Albert Satterthwait | <i>St. Louis, Mo.</i>          |
| de la Haba, Louis Edward         | <i>Santurce, Puerto Rico</i>   |
| de Lima, Richard Ford            | <i>Scarsdale, N. Y.</i>        |
| Denison, Richard David           | <i>Grand Rapids, Mich.</i>     |
| Donaldson, Alan Chase            | <i>Amherst, Mass.</i>          |
| Douglas, James, Jr.              | <i>New York, N. Y.</i>         |
| Dunbar, William Dart             | <i>Saunderstown, R. I.</i>     |
| Duncan, Richard Bevier           | <i>East Orange, N. J.</i>      |
| Edinger, John Sinclear           | <i>Bellevue, Del.</i>          |
| Edmonds, John Talley             | <i>Scarsdale, N. Y.</i>        |
| Edwards, William Frederick       | <i>Pardeeville, Wis.</i>       |
| Eisner, Henry                    | <i>South Orange, N. J.</i>     |
| Epstein, Richard Lewis           | <i>New York, N. Y.</i>         |
| Erf, Herbert Adolph, Jr.         | <i>Shaker Heights, Ohio</i>    |
| Eustis, Frederic Augustus, II    | <i>Milton, Mass.</i>           |
| Evans, Dean Lowndes              | <i>Glen Ridge, N. J.</i>       |
| Fehr, George Nicholas, Jr.       | <i>Reading, Pa.</i>            |
| Fowler, Theodore Ferguson, Jr.   | <i>St. Louis, Mo.</i>          |
| Frautschi, John Jones            | <i>Madison, Wis.</i>           |
| Frey, Charles Frederick          | <i>Scarsdale, N. Y.</i>        |
| Fritz, Robert Walter             | <i>Barrington, Ill.</i>        |
| Fritzinger, Noel Clarke          | <i>Lewiston Heights, N. Y.</i> |
| Frost, Reginald Radcliffe, Jr.   | <i>Far Hills, N. J.</i>        |

Fulton, David Campbell  
 Gallagher, Leslie Neiland  
 Gallup, William Albert, Jr.  
 Gast, James Avery  
 Gavin, Jerome Paul  
 George, Thomas Henry  
 Gibbs, Thomas  
 Gildehaus, Ralph F., Jr.  
 Glenn, James Henry, III  
 Greene, Peter Harold  
 Greene, Samuel Stanton  
 Groff, Robert Frederick, Jr.  
 Grover, George Allan  
 Gustafson, Danny Davis  
 Hacker, Andrew  
 Hale, Charles Adams  
 Hamill, Hugh Maxwell, Jr.  
 Hanaway, William Lippincott, Jr.  
 Harris, James Thomas  
 Harris, Richard George Haines  
 Hartmann, Martin Luther, Jr.  
 Hartzell, Dwight Jeffery  
 Haven, Robert Marshall  
 Hawkins, Robert Bruce  
 Hawkins, William Bruce, Jr.  
 Haynes, Edward Carlin, Jr.  
 Heath, William Webster  
 Hock, Howard William, Jr.  
 Holman, Gary  
 Holroyd, Benn Starr, Jr.  
 Hopkins, Richard Appleton  
 Hopkins, Stuart Whitmore  
 Hunneman, Leslie Price  
 Hunt, George Willard  
 Hunziker, Walter Jacobus, Jr.  
 Hutchinson, David Lee  
 Insley, William Francis  
 Ireland, Robert Ellsworth  
 Irvin, William Archibald, Jr.  
 Jackson, Geoffrey Gordon  
 Jacobson, Bernard  
 Johnston, Robert French

*Cleveland Heights, Ohio*  
*New York, N. Y.*  
*West Newton, Mass.*  
*Mattapoisett, Mass.*  
*Medford, Mass.*  
*Tuckahoe, N. Y.*  
*Evanston, Ill.*  
*St. Louis, Mo.*  
*Meadowbrook, Pa.*  
*Great Neck, L. I., N. Y.*  
*New London, Conn.*  
*Lancaster, Pa.*  
*Ottawa, Ill.*  
*Highland Park, N. J.*  
*New York, N. Y.*  
*Minneapolis, Minn.*  
*Philadelphia, Pa.*  
*Short Hills, N. J.*  
*Upper Montclair, N. J.*  
*Milton, Mass.*  
*Honolulu, Hawaii*  
*Wallingford, Pa.*  
*Albany, N. Y.*  
*Bala-Cynwyd, Pa.*  
*Springfield, Mass.*  
*Fair Lawn, N. J.*  
*Buffalo, N. Y.*  
*Phoenixville, Pa.*  
*New Hyde Park, N. Y.*  
*Bridgeport, Conn.*  
*Brattleboro, Vt.*  
*Upper Montclair, N. J.*  
*Scarboro, Maine*  
*Manchester, Conn.*  
*Upper Montclair, N. J.*  
*Philadelphia, Pa.*  
*Indianapolis, Ind.*  
*Cincinnati, Ohio*  
*Pittsburgh, Pa.*  
*Washington, D. C.*  
*Hartford, Conn.*  
*East Hartford, Conn.*

|                               |                                  |
|-------------------------------|----------------------------------|
| Jones, Raymond Burr           | <i>Tucson, Arizona</i>           |
| Kalodner, Philip Poliner      | <i>Philadelphia, Pa.</i>         |
| Kane, Robert Lawrence         | <i>Merion, Pa.</i>               |
| Kaupe, Robert Hugo            | <i>Philadelphia, Pa.</i>         |
| Keffer, Edward Brooks, Jr.    | <i>Philadelphia, Pa.</i>         |
| Kendall, John Plimpton        | <i>Sharon, Mass.</i>             |
| Keydel, John Flint            | <i>Detroit, Mich.</i>            |
| Kightlinger, Benjamin Newton  | <i>Amherst, Mass.</i>            |
| King, Clark Chapman, Jr.      | <i>Pittsfield, Ill.</i>          |
| Kirkpatrick, John Everett     | <i>Meadville, Pa.</i>            |
| Knowles, Philip Duncan        | <i>Brooklyn, N. Y.</i>           |
| Knowles, Robert Courtland     | <i>Providence, R. I.</i>         |
| Kolsky, Leonard Sheldon       | <i>Lawrence, Mass.</i>           |
| Krusell, William Fullam       | <i>North Brookfield, Mass.</i>   |
| Lancaster, John Stewart       | <i>Westfield, N. J.</i>          |
| Laprade, Horace Euclid        | <i>Easthampton, Mass.</i>        |
| Lee, Thomas Ming-Lung         | <i>Hong Kong, China</i>          |
| Leeds, Robert Lewis, Jr.      | <i>Deal, N. J.</i>               |
| LeLievre, Robert Earl         | <i>Shaker Heights, Ohio</i>      |
| Lepley, Frederick John        | <i>Grosse Pointe Park, Mich.</i> |
| Lerner, Allan Stuart          | <i>Buffalo, N. Y.</i>            |
| Levy, Alan Veit               | <i>New York, N. Y.</i>           |
| Lichtenberger, Arthur Tate    | <i>New York, N. Y.</i>           |
| Lindemann, Robert Eugene      | <i>Shaker Heights, Ohio</i>      |
| Liu, Theodore Meung-Chi       | <i>Hong Kong, China</i>          |
| Lobrano, Alexander Flick      | <i>Chappaqua, N. Y.</i>          |
| Longsworth, Charles Robert    | <i>Wellesley Hills, Mass.</i>    |
| Loos, Donald Ambert           | <i>Princeton, N. J.</i>          |
| Lord, Samuel, Jr.             | <i>Owatonna, Minn.</i>           |
| Lower, Richard Rowland        | <i>Detroit, Mich.</i>            |
| Luddy, Frederick Leroy        | <i>Amherst, Mass.</i>            |
| MacCammond, James A. F., Jr.  | <i>Haines, Alaska</i>            |
| McEwan, Donald Parker         | <i>Binghamton, N. Y.</i>         |
| McGrath, John Williams        | <i>Freeport, N. Y.</i>           |
| MacVicar, Donald George, Jr.  | <i>Naugatuck, Conn.</i>          |
| Maloney, William Edward       | <i>Watertown, N. Y.</i>          |
| Manville, Harrington Emerson  | <i>Denver, Colo.</i>             |
| Marshall, Charles McAllister  | <i>Cleveland Heights, Ohio</i>   |
| Martin, John Barlow           | <i>St. Louis, Mo.</i>            |
| Meier, Adolphus Gustavus, Jr. | <i>Webster Groves, Mo.</i>       |
| Merrick, Llewellyn            | <i>Amherst, Mass.</i>            |
| Merritt, Floyd Samuel         | <i>Goshen, Mass.</i>             |

Methven, Stuart Eugene  
 Miller, Stephen Cotter  
 Minn, Robert Chun  
 Minter, Robert Wilson  
 Moog, Alva, Jr.  
 Moore, Leonard Brown  
 Morse, Alvertus Jackson  
 Munsill, Marcus  
 Myers, Richard Edward  
 Naiman, Chester Lawrence  
 Neale, Robert Edward  
 Neill, William Alexander  
 Nettleton, Richard Ellsworth  
 Nichols, Peter Kip  
 Nichols, William Deming  
 Nugent, Frederic Thomas  
 Odams, Lester Nichols, Jr.  
 Osborn, Donald Newton  
 Parsons, Judson Aspinwall, Jr.  
 Pepper, Max Philip  
 Petersen, Raymond Carl  
 Pierce, Willard Weed  
 Pirie, Robert Bruce, Jr.  
 Plunkett, William Leonard  
 Pottenger, David Huston, II  
 Powers, Donald Howard, Jr.  
 Purcell, John Edwin  
 Purdy, William Crossley  
 Randall, Donn Spalding  
 Raynor, William Arthur, Jr.  
 Reed, David Disney  
 Robinson, James Stevens  
 Rowland, David Peter  
 Runser, Robert James  
 Scanlan, George Anderson, Jr.  
 Schatz, Richard Ansell  
 Schlangen, William Matheson  
 Schlessinger, Paul Gould  
 Schwarz, Eugene Richard  
 Schwarzkopf, Daniel Benedict  
 Shaw, Leo Nelson, Jr.  
 Sheldon, David Frederick

*Hopkinton, N. H.*  
*Birmingham, Mich.*  
*Honolulu, Hawaii*  
*Haverford, Pa.*  
*St. Louis, Mo.*  
*Brooklyn, N. Y.*  
*Northampton, Mass.*  
*Osterville, Mass.*  
*Holyoke, Mass.*  
*Linden, N. J.*  
*Mt. Clemens, Mich.*  
*Scarsdale, N. Y.*  
*New Haven, Conn.*  
*West Orange, N. J.*  
*North Haven, Conn.*  
*New York, N. Y.*  
*Pawtucket, R. I.*  
*Belle Vernon, Pa.*  
*Rochester, N. Y.*  
*Bayonne, N. J.*  
*New London, Conn.*  
*Chestnut Hill, Mass.*  
*Holyoke, Mass.*  
*Los Angeles, Calif.*  
*Cincinnati, Ohio*  
*Darien, Conn.*  
*Corning, N. Y.*  
*Brooklyn, N. Y.*  
*Wellesley, Mass.*  
*Bala-Cynwyd, Pa.*  
*Harvard, Mass.*  
*Springfield, Mass.*  
*Norfolk, Conn.*  
*Berkeley, Calif.*  
*Maplewood, N. J.*  
*West Hartford, Conn.*  
*Springfield, Ill.*  
*Dorchester, Mass.*  
*Benton Harbor, Mich.*  
*Croton-on-Hudson, N. Y.*  
*New Rochelle, N. Y.*  
*Cuyahoga Falls, Ohio*

|                                  |                              |
|----------------------------------|------------------------------|
| Shera, James Arthur              | <i>Scarsdale, N. Y.</i>      |
| Sibley, Donald Norman            | <i>Bronx, N. Y.</i>          |
| Simpson, George Northrup, Jr.    | <i>Chicago, Ill.</i>         |
| Simpson, Henry Keith             | <i>Santa Barbara, Calif.</i> |
| Slote, Robert Kiley              | <i>Brooklyn, N. Y.</i>       |
| Smith, Donald William            | <i>Columbiaville, N. Y.</i>  |
| Smith, Frederick Burton, Jr.     | <i>Orlando, Fla.</i>         |
| Snell, John Nelson               | <i>Evanston, Ill.</i>        |
| Snodgrass, Richard Wallace       | <i>Olean, N. Y.</i>          |
| Snow, Gerald Joralemon           | <i>Lenox, Mass.</i>          |
| Stecker, Robert Donald, Jr.      | <i>Glencoe, Ill.</i>         |
| Stopford, William                | <i>Andover, Mass.</i>        |
| Sutton, Harold Griffith, Jr.     | <i>Chevy Chase, Md.</i>      |
| Sweitzer, Thomas Cummings        | <i>Madison, Conn.</i>        |
| Taft, Charles Kirkland           | <i>Bexley, Ohio</i>          |
| Taylor, Bennet Allan             | <i>Westfield, N. J.</i>      |
| Thies, Arthur Perry              | <i>Amherst, Mass.</i>        |
| Thomas, Harry Amos               | <i>Chevy Chase, Md.</i>      |
| Thompson, John Edward            | <i>Wellesley, Mass.</i>      |
| Tingley, Harleigh Van Slyck, Jr. | <i>Bristol, R. I.</i>        |
| Tober, Charles Worth             | <i>St. Louis, Mo.</i>        |
| Todd, Michael                    | <i>Irvington, N. Y.</i>      |
| Tooker, Robert Luce              | <i>Riverhead, N. Y.</i>      |
| Tritschler, Charles Alexander    | <i>Evanston, Ill.</i>        |
| Tull, Allan Willard              | <i>Bloomfield, Conn.</i>     |
| Tweeden, Harold Ellis            | <i>Buffalo, N. Y.</i>        |
| VandeVate, John Leonard          | <i>Rochester, N. Y.</i>      |
| Van Winkle, Jon                  | <i>White Plains, N. Y.</i>   |
| Vest, Hans                       | <i>Amherst, Mass.</i>        |
| Walker, John Richmond            | <i>Cohasset, Mass.</i>       |
| Wallace, William Venard, Jr.     | <i>Cuyahoga Falls, Ohio</i>  |
| Waterman, George William         | <i>Providence, R. I.</i>     |
| Waterman, John                   | <i>Providence, R. I.</i>     |
| Watson, Samuel Mead              | <i>Philadelphia, Pa.</i>     |
| Weeks, Willard Travell           | <i>Brooklyn, N. Y.</i>       |
| Westcott, Earl Hamilton          | <i>Springfield, Mass.</i>    |
| Weyl, Thomas J., II              | <i>Amsterdam, N. Y.</i>      |
| Whiting, George Fowler           | <i>Holyoke, Mass.</i>        |
| Williams, Henry Archer, II       | <i>Conneaut, Ohio</i>        |
| Woodbridge, John Marshall        | <i>New York, N. Y.</i>       |
| Wyman, Thomas Hunt               | <i>St. Louis, Mo.</i>        |
| Yull, Arthur Baker               | <i>Lansing, Mich.</i>        |



Sophomore Class

|                             |                              |
|-----------------------------|------------------------------|
| Aldridge, Richard Boughton  | <i>New York, N. Y.</i>       |
| Allen, Edward Warren        | <i>Westfield, N. J.</i>      |
| Allen, Frederick Stetson    | <i>Philadelphia, Pa.</i>     |
| Anderson, Clifford Dean     | <i>Glen Ridge, N. J.</i>     |
| Andrews, William Dorey      | <i>Pelham Manor, N. Y.</i>   |
| Arndt, Robert Ewins Sumner  | <i>St. Davids, Pa.</i>       |
| Aurand, Calvin William, Jr. | <i>Wayzata, Minn.</i>        |
| Bacon, Benjamin Wilson      | <i>North Haven, Conn.</i>    |
| Baker, Donald Leon          | <i>New York, N. Y.</i>       |
| Baker, Philip Morrill       | <i>Sherborn, Mass.</i>       |
| Barber, Robert Cushing      | <i>Windsor, Conn.</i>        |
| Barnett, Albert E.          | <i>New York, N. Y.</i>       |
| Baron, Harold Maurice       | <i>University City, Mo.</i>  |
| Bartow, Francis Allen, Jr.  | <i>Bryn Mawr, Pa.</i>        |
| Baum, Axel Helmuth          | <i>Westfield, N. J.</i>      |
| Bedford, Henry Frederick    | <i>Middlebury, Vt.</i>       |
| Beeching, Charles William   | <i>Springfield, Pa.</i>      |
| Bennett, Derickson Waples   | <i>Merion, Pa.</i>           |
| Bethke, Philip Martin       | <i>Santa Barbara, Calif.</i> |
| Bohmer, Harold, Jr.         | <i>Pelham, Mass.</i>         |
| Bowman, Kenneth Drennen     | <i>Latrobe, Pa.</i>          |
| Bowmer, John Vance          | <i>Buffalo, N. Y.</i>        |
| Boyle, Christopher George   | <i>Los Angeles, Calif.</i>   |
| Bradley, Donald Alson       | <i>Amherst, Mass.</i>        |
| Brayer, George Sheldon      | <i>Rochester, N. Y.</i>      |
| Bristol, Ralph Buffam, Jr.  | <i>Laconia, N. H.</i>        |
| Broadfoot, John Hibbard     | <i>Short Hills, N. J.</i>    |
| Brook, John Robert, Jr.     | <i>New York, N. Y.</i>       |
| Brown, Kenneth Allen        | <i>Warren, Ohio</i>          |
| Brown, Norman Kingsbury     | <i>Buffalo, N. Y.</i>        |
| Brunie, Charles Henry       | <i>Pelham, N. Y.</i>         |
| Bruning, Edwin Cope         | <i>Scarsdale, N. Y.</i>      |
| Bucher, John Maxwell, Jr.   | <i>Pelham Manor, N. Y.</i>   |
| Bukovnik, John Anthony      | <i>Cleveland, Ohio</i>       |
| Burleigh, William Porter    | <i>Fitzwilliam, N. H.</i>    |
| Burnett, Howard Jerome      | <i>Holyoke, Mass.</i>        |
| Canavan, John Francis       | <i>Amherst, Mass.</i>        |
| Carnahan, Peter Malott      | <i>Orchard Park, N. Y.</i>   |
| Carty, James Arthur         | <i>Detroit, Mich.</i>        |
| Carus, Stephen              | <i>Chicago, Ill.</i>         |
| Chace, William McDermott    | <i>Forest Hills, N. Y.</i>   |

|                                  |                                  |
|----------------------------------|----------------------------------|
| Chapin, William Bigelow          | <i>Barrington, R. I.</i>         |
| Chase, George Warren             | <i>Indianapolis, Ind.</i>        |
| Christenson, Robert Arthur       | <i>Florence, Mass.</i>           |
| Clark, Jerome Hatton             | <i>Darien, Conn.</i>             |
| Clarke, Richard Warner, Jr.      | <i>Katonah, N. Y.</i>            |
| Clemons, Maynard Gardner, Jr.    | <i>Wakefield, Mass.</i>          |
| Cobau, Charles Duffy             | <i>New Castle, Pa.</i>           |
| Connington, Charles Simpson, Jr. | <i>Worcester, Mass.</i>          |
| Cooper, Neil Stephen             | <i>East Orange, N. J.</i>        |
| Corsiglia, George Frederic       | <i>Greenfield, Mass.</i>         |
| Craig, James Wallace, Jr.        | <i>North Marshfield, Mass.</i>   |
| Crane, Langdon Teachout, Jr.     | <i>Highland Park, Mich.</i>      |
| Cross, Gorham Lamont, Jr.        | <i>Wellesley Hills, Mass.</i>    |
| Cummings, David Gale             | <i>Verona, N. J.</i>             |
| Daniels, John Chase              | <i>Pawling, N. Y.</i>            |
| Darrow, Robert Arnold            | <i>Syracuse, N. Y.</i>           |
| Davidson, Robert Louis           | <i>Waterford, Conn.</i>          |
| Davis, Benjamin Charles, Jr.     | <i>Watertown, Mass.</i>          |
| Davis, Lee Washington            | <i>Summit, N. J.</i>             |
| DeLafield, George Selwyn, Jr.    | <i>Upper Montclair, N. J.</i>    |
| DeMelman, Walter Weill, Jr.      | <i>Washington, D. C.</i>         |
| Dickinson, John Ingram           | <i>Atlanta, Ga.</i>              |
| Diebolt, Denison Palmer          | <i>Chatham, N. J.</i>            |
| Dingley, Richard Marshall        | <i>Floral Park, L. I., N. Y.</i> |
| Doelling, Norman                 | <i>Huntington, L. I., N. Y.</i>  |
| Douthett, William LeVerne, Jr.   | <i>Pleasantville, N. Y.</i>      |
| Druskin, Malcolm Stuart          | <i>Brooklyn, N. Y.</i>           |
| DuPont, Pierre André             | <i>Norwich Town, Conn.</i>       |
| Earnshaw, Thomas Marvin          | <i>Philadelphia, Pa.</i>         |
| Eastman, Hal Pond, Jr.           | <i>Bronxville, N. Y.</i>         |
| Elder, Richard Thomas            | <i>Bayville, N. Y.</i>           |
| Elliott, Thompson Hayes          | <i>Walla Walla, Wash.</i>        |
| Ellis, Arthur Linwood, III       | <i>Plymouth, Mass.</i>           |
| Ellis, John Ogborn               | <i>Amherst, Mass.</i>            |
| Elton, Richard Cogswell          | <i>Ancon, Canal Zone</i>         |
| Engelsman, Ralph Gustave, Jr.    | <i>New York, N. Y.</i>           |
| Epstein, Marc Irwin              | <i>New York, N. Y.</i>           |
| Esty, Edward Greene              | <i>Pawtucket, R. I.</i>          |
| Esty, William Cole, IV           | <i>New Canaan, Conn.</i>         |
| Evans, George Monroe             | <i>Reading, Pa.</i>              |
| Evans, Nicholas Monsarrat        | <i>Columbus, Ohio</i>            |
| Fairman, James Ferdinand, Jr.    | <i>Brooklyn, N. Y.</i>           |

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|---------------------------------|--------------------------------|
| Fernald, L. Dodge, Jr.          | <i>Longmeadow, Mass.</i>       |
| Fernandez, James William, Jr.   | <i>Oak Park, Ill.</i>          |
| Fink, Leonard A.                | <i>Larchmont, N. Y.</i>        |
| Fisher, Howard McClure          | <i>Wyomissing, Pa.</i>         |
| Fitzpatrick, Robert Thomas, Jr. | <i>Stafford Springs, Conn.</i> |
| Flayderman, Phillip Charles     | <i>Roxbury, Mass.</i>          |
| Forsythe, William Rae           | <i>Evanston, Ill.</i>          |
| Frary, Richard Dexter           | <i>Barrington, R. I.</i>       |
| Friedrichs, James Joseph        | <i>Woonsocket, R. I.</i>       |
| Fuller, Robert Catlin           | <i>Scarsdale, N. Y.</i>        |
| Furlow, Leonard Thompson, Jr.   | <i>St. Louis, Mo.</i>          |
| Gardner, Emerson                | <i>Chevy Chase, Md.</i>        |
| Gardner, Glenn Gibson           | <i>Estes Park, Colo.</i>       |
| Gay, George Roger               | <i>St. Louis, Mo.</i>          |
| Geithner, Paul Herman, Jr.      | <i>Philadelphia, Pa.</i>       |
| Geller, David                   | <i>Oak Park, Ill.</i>          |
| Gilligan, James Price           | <i>Yonkers, N. Y.</i>          |
| Gordon, Joseph Edwin            | <i>Larchmont, N. Y.</i>        |
| Gonzales, Julius Joseph         | <i>Waterbury, Conn.</i>        |
| Granger, Stephen Ireland        | <i>Bethesda, Md.</i>           |
| Greene, Norvin Gair             | <i>New York, N. Y.</i>         |
| Greene, Richmond Kent           | <i>West Hartford, Conn.</i>    |
| Greene, Timothy Whiting         | <i>Springfield, Mass.</i>      |
| Greenebaum, John Samuel         | <i>Louisville, Ky.</i>         |
| Grimm, Peter, Jr.               | <i>New York, N. Y.</i>         |
| Guenther, George Carpenter      | <i>Reading, Pa.</i>            |
| Gyger, David Elliott            | <i>Portland, Maine</i>         |
| Hager, Edward Birge             | <i>Winnetka, Ill.</i>          |
| Hall, Gordon, III               | <i>Chestnut Hill, Mass.</i>    |
| Halstead, Cutler Underwood      | <i>Buffalo, N. Y.</i>          |
| Hampton, Geoffrey Alton         | <i>Utica, N. Y.</i>            |
| Harris, William Edward, Jr.     | <i>Jackson Heights, N. Y.</i>  |
| Hartman, Allen Porter           | <i>Shaker Heights, Ohio</i>    |
| Hartman, Wilbur Lee             | <i>Amherst, Mass.</i>          |
| Haynes, Ulric St. Clair, Jr.    | <i>Brooklyn, N. Y.</i>         |
| Heller, George                  | <i>Englewood, N. J.</i>        |
| Henke, Harry, III               | <i>Seattle, Wash.</i>          |
| Herzog, John Ducas              | <i>South Salem, N. Y.</i>      |
| Hibbard, George Foshay          | <i>East Lynn, Mass.</i>        |
| Hill, Laurence Miner            | <i>Gales Ferry, Conn.</i>      |
| Hindle, Winston Russell, Jr.    | <i>South Dartmouth, Mass.</i>  |
| Hobbs, James Denny              | <i>Tampa, Fla.</i>             |

Holdsworth, John Hale  
 Holmgren, Robert Frederick  
 Hopple, Edwards Ritchie  
 Howard, James Beattie  
 Humphrey, J. Paul  
 Jillson, Robert Faulkner  
 Jones, Robert Davis  
 Jordan, James Joseph, Jr.  
 José, Robert Elliott  
 Judson, Donald Irving  
 Kanchuger, Robert  
 Kane, Donald Eugene  
 Karp, Marshall Herbert  
 Kaufman, John Samuel  
 Keady, Michael Jennings  
 Keast, David Norris  
 Keeler, George Ellsworth  
 Keeler, William Spaulding  
 Keeney, Richmond  
 Killhour, Robert Brelsford  
 Knowlton, Carlisle  
 Kohlbry, Martin Rutherford  
 Kramer, Robert  
 Kreuter, Henry William  
 Kugler, Richard Cory  
 Kumm, William Howard  
 Langhauser, Drew Purves  
 Lecher, Wallace Oman, Jr.  
 Leggett, Alan Cameron French  
 Lemp, Karl Cadem  
 Leschin, Grant Charles  
 Lieberman, Thomas Edward  
 Lightfoot, John Carter  
 Long, Richard Field  
 Long, Theodore Appel  
 Lyon, James Burroughs  
 McClure, James Focht, Jr.  
 MacDonald, Alaster  
 McDonald, Henry Cleaveland  
 Macdonald, Victor Roderick  
 MacDonnell, Raymond Arthur  
 McFeely, William Shield

*Winchester, Mass.*  
*Wayzata, Minn.*  
*Cincinnati, Ohio*  
*Brooklyn, N. Y.*  
*New York, N. Y.*  
*Rye, N. Y.*  
*Jeddo, Pa.*  
*White Plains, N. Y.*  
*Indianapolis, Ind.*  
*Montclair, N. J.*  
*Bronx, N. Y.*  
*Springfield, Mass.*  
*Mt. Vernon, N. Y.*  
*Shaker Heights, Ohio*  
*Deerfield, Ill.*  
*Pittsburgh, Pa.*  
*Grand Rapids, Mich.*  
*Grand Rapids, Mich.*  
*Winchester, Mass.*  
*Meadowbrook, Pa.*  
*Bronxville, N. Y.*  
*Webster Groves, Mo.*  
*Greenwich, Conn.*  
*Maplewood, N. J.*  
*Winchester, Mass.*  
*Rio de Janeiro, Brazil*  
*Holyoke, Mass.*  
*Drexel Hill, Pa.*  
*Braintree, Mass.*  
*Oak Park, Ill.*  
*New York, N. Y.*  
*Allentown, Pa.*  
*Larchmont, N. Y.*  
*Washington, D. C.*  
*Lancaster, Pa.*  
*West Hartford, Conn.*  
*Lewisburg, Pa.*  
*Cazenovia, N. Y.*  
*Scarsdale, N. Y.*  
*Windsor, Conn.*  
*Lawrence, Mass.*  
*Wyckoff, N. J.*

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|-------------------------------------|-------------------------------|
| McGrath, Robert Gregory             | <i>Freeport, N. Y.</i>        |
| MacKenzie, John Pettibone           | <i>Stamford, Conn.</i>        |
| McMurphy, Charles Herbert           | <i>Laconia, N. H.</i>         |
| Magee, Frank Harris, Jr.            | <i>Wyncote, Pa.</i>           |
| Mahaffie, Charles Delahunt, Jr.     | <i>Washington, D. C.</i>      |
| Mainzer, Francis Kirkwood           | <i>Huntingdon, Pa.</i>        |
| Maise, C. Richard                   | <i>Belleville, N. J.</i>      |
| Mann, Donald Schuyler               | <i>Great Neck, N. Y.</i>      |
| Marston, Frederick Fairbrother, Jr. | <i>Indianapolis, Ind.</i>     |
| Martin, Arthur Louis                | <i>Bellmore, L. I., N. Y.</i> |
| Martindale, Wallace Smith, III      | <i>Philadelphia, Pa.</i>      |
| Marvin, Richard Marr                | <i>New York, N. Y.</i>        |
| Mason, Robert John                  | <i>Rochester, Mich.</i>       |
| Maxson, Edgar Potter, Jr.           | <i>Westerly, R. I.</i>        |
| Meek, Dudley Holmes, Jr.            | <i>Riverside, Conn.</i>       |
| Monroe, Lowell Wilton               | <i>Shaker Heights, Ohio</i>   |
| Monteith, Walter Henry              | <i>Norwood, Mass.</i>         |
| Morgan, Robert Owen                 | <i>Summit, N. J.</i>          |
| Moulton, Charles Henry Towle        | <i>Meriden, N. H.</i>         |
| Moyer, Donald Edgar, Jr.            | <i>Champaign, Ill.</i>        |
| Murphy, Gerald William              | <i>Mount Morris, N. Y.</i>    |
| Neal, Donald Alfred                 | <i>Wilmington, Del.</i>       |
| Nelson, Thomas Fowler               | <i>Old Greenwich, Conn.</i>   |
| Newcombe, David Sugden              | <i>West Roxbury, Mass.</i>    |
| Nicholson, William Kenneth, Jr.     | <i>Manhasset, N. Y.</i>       |
| Noerdlinger, Victor Sigmund, Jr.    | <i>New York, N. Y.</i>        |
| Olds, John Daniel                   | <i>Washington, D. C.</i>      |
| Ormsbee, John Bruce Shaw            | <i>Ogunquit, Maine</i>        |
| Parker, James Erwin, Jr.            | <i>Glens Falls, N. Y.</i>     |
| Pearson, Daniel S.                  | <i>Mt. Vernon, N. Y.</i>      |
| Pearson, John Reed, Jr.             | <i>Pawhuska, Okla.</i>        |
| Peters, David Alan                  | <i>East Rockaway, N. Y.</i>   |
| Petersen, Harry Edward              | <i>New London, Conn.</i>      |
| Peverill, William John              | <i>Des Moines, Iowa</i>       |
| Pfanner, David Eugene               | <i>Silver Spring, Md.</i>     |
| Phillips, Edward Everett            | <i>Maplewood, N. J.</i>       |
| Phillips, George Wesley             | <i>East Orange, N. J.</i>     |
| Pick, Thomas Frederic               | <i>Glencoe, Ill.</i>          |
| Porter, Arthur Linscott             | <i>Amherst, Mass.</i>         |
| Porter, Richard Deake Gifford       | <i>Sunderland, Mass.</i>      |
| Pratt, Richard Don, Jr.             | <i>Baldwin, N. Y.</i>         |
| Prest, James Thomas Morris          | <i>St. Paul, Minn.</i>        |



|                                  |                                |
|----------------------------------|--------------------------------|
| Prosswimmer, Alan                | <i>Rockville Centre, N. Y.</i> |
| Pruyne, David Gates              | <i>Newton, Mass.</i>           |
| Putnam, Leigh Burtis, Jr.        | <i>Denver, Colo.</i>           |
| Randall, Francis Ballard         | <i>New York, N. Y.</i>         |
| Rautenberg, Theodore Herman, Jr. | <i>Cleveland Heights, Ohio</i> |
| Reed, James Alexander, Jr.       | <i>Rochester, N. Y.</i>        |
| Rees, Gomer Spieker              | <i>Greensburg, Pa.</i>         |
| Regard, Edward Joseph            | <i>Hartsdale, N. Y.</i>        |
| Reynolds, Michael Connolly       | <i>Mt. Vernon, N. Y.</i>       |
| Romer, Robert Horton             | <i>Cambridge, Mass.</i>        |
| Rowland, Peter                   | <i>Great Neck, N. Y.</i>       |
| Ruckmick, John Christian         | <i>Winnetka, Ill.</i>          |
| Rugg, Samuel Hathaway            | <i>Newark, Ohio</i>            |
| Ryer, William Hutchinson         | <i>Duxbury, Mass.</i>          |
| Sadlowski, William Joseph, Jr.   | <i>Hadley, Mass.</i>           |
| Sandstedt, Robert Wilbur         | <i>Rockville Centre, N. Y.</i> |
| Sanford, Edward                  | <i>Morris, Ill.</i>            |
| Schneider, Jules Edouard, Jr.    | <i>Dallas, Texas</i>           |
| Scholtz, Frederick Henry         | <i>Riverside, Conn.</i>        |
| Schreiber, Sanford Jay           | <i>New York, N. Y.</i>         |
| Schuster, Daniel Madden          | <i>Rochester, Minn.</i>        |
| Shaner, William MacBride, Jr.    | <i>Wynnewood, Pa.</i>          |
| Shaw, Edward Culver              | <i>Ridgewood, N. J.</i>        |
| Sheftel, Theodore Coleman        | <i>Scarsdale, N. Y.</i>        |
| Sihler, John Christian           | <i>Shaker Heights, Ohio</i>    |
| Singer, Barry Haas               | <i>Scarsdale, N. Y.</i>        |
| Singer, Franklin Jules           | <i>Philadelphia, Pa.</i>       |
| Siris, James Robert              | <i>New York, N. Y.</i>         |
| Skeele, Robert Billington        | <i>Newmarket, N. H.</i>        |
| Skilbred, Lars Arne              | <i>Brooklyn, N. Y.</i>         |
| Smethurst, Edward William, Jr.   | <i>Montclair, N. J.</i>        |
| Smith, George Francis Boyde, Jr. | <i>West Hartford, Conn.</i>    |
| Soder, Richard Newton            | <i>Springfield, Pa.</i>        |
| Spencer, James Herbert, Jr.      | <i>Newton, N. J.</i>           |
| Stackpole, Robert Hayes          | <i>Montclair, N. J.</i>        |
| Staley, John Richard, Jr.        | <i>Chicago, Ill.</i>           |
| Stanford, Nicholas Taylor        | <i>Essex, Conn.</i>            |
| Stanton, John Phillips           | <i>Upper Montclair, N. J.</i>  |
| Steinberg, Malcolm Saul          | <i>Highland Park, N. J.</i>    |
| Stoker, Harry Beadling, Jr.      | <i>Duluth, Minn.</i>           |
| Stookey, John Hoyt               | <i>New York, N. Y.</i>         |



Strahan, John Windrum, III  
 Straight, Theodore Carter  
 Swanson, Maynard William  
 Swayzee, Cleon Oliphant, II  
 Swindells, William, Jr.  
 Taft, Earl Jay  
 Tanger, John Carroll, III  
 Tate, Mercer Dunbar  
 Thomas, Richard Lee  
 Toennies, Jan Peter  
 Trefrey, Charles Signor, Jr.  
 Tuttle, Clifford Horace, Jr.  
 Vernon, Jack Hayward  
 Waechter, Walter Henry, Jr.  
 Wasie, Donald Allen  
 Watkins, William Allen, Jr.  
 Wellman, Bradford Sargent  
 Wells, Edgar Terry, Jr.  
 Wemple, William Wallace, III  
 Wendoloski, William George  
 Wesely, Edwin Francis, Jr.  
 Westbay, Harry Herron, III  
 Whitbread, Thomas Bacon  
 Whitney, George Matson  
 Williams, James Stoddard  
 Williamson, Douglas Franklin, Jr.  
 Wilson, Harry Davis, Jr.  
 Wilson, William Howell  
 Wolfe, Richard Shipley  
 Wray, David Bontecou  
 Wright, Bruce William  
 Wright, Kenneth Trude  
 Wright, Samuel Lame, Jr.  
 Yuasa, Yo  
 Ziff, Howard Morton  
 Zimmermann, William, Jr.

Maplewood, N. J.  
 East Orange, N. J.  
 Worcester, Mass.  
 Silver Spring, Md.  
 Portland, Ore.  
 Belle Harbor, L. I., N. Y.  
 Hanover, Pa.  
 Philadelphia, Pa.  
 Boston, Mass.  
 Gladwyne, Pa.  
 Newton Highlands, Mass.  
 Easton, Conn.  
 Medina, N. Y.  
 Glenside, Pa.  
 Minneapolis, Minn.  
 Lake Forest, Ill.  
 Topsfield, Mass.  
 Mahwah, N. J.  
 Schenectady, N. Y.  
 Hatfield, Mass.  
 Chevy Chase, Md.  
 Stamford, Conn.  
 Amherst, Mass.  
 Conneaut, Ohio  
 Longmeadow, Mass.  
 Marion, S. C.  
 Baltimore, Md.  
 Easton, Pa.  
 Elsmere, N. Y.  
 Riverdale, N. Y.  
 St. Louis, Mo.  
 Chicago, Ill.  
 Menlo Park, Calif.  
 Kyoto, Japan  
 Holyoke, Mass.  
 Wyncote, Pa.

### Freshman Class

Aeschlimann, Christopher John  
 Ahearn, James Francis  
 Banks, William Howard, III  
 Barkwill, Charles Dering, Jr.

Montclair, N. J.  
 West Hartford, Conn.  
 Waban, Mass.  
 Shaker Heights, Ohio

Bartholomew, Herbert Almon, III  
 Bassett, Edward Murray, II  
 Behrman, Richard Elliot  
 Bengé, Joseph Bertrand  
 Benkert, Kyle Grant  
 Bierman, Robert Howard  
 Black, James Coulter  
 Blackburn, David Wheeler  
 Boden, Robert Walter  
 Boehm, Jack Allen  
 Bonoff, Edward Lon, Jr.  
 Breed, Alexander Spotswood  
 Brinker, Robert Sawyer  
 Brittain, John James  
 Brockman, Alan Jay  
 Brown, Basil William, Jr.  
 Brown, Robert Edwin  
 Brown, Robert Winfield  
 Burns, Allen Anderson  
 Bushey, Robert Seymour  
 Cady, Blake  
 Carington, Robert William  
 Caswell, Austin Baldwin, Jr.  
 Catlett, Edward Tredick, Jr.  
 Chamberlain, John Loomis, 3rd  
 Chaplin, Davis  
 Child, Frank Malcolm, III  
 Chipman, Robert Kenneth  
 Choate, Alexander  
 Christiansen, Willard Bronson  
 Clark, James Anderson, Jr.  
 Clark, Kenneth Fenton, Jr.  
 Cleary, John Harryhill, Jr.  
 Coates, Stanley Gordon  
 Cohn, Malvin  
 Cohn, Monroe  
 Coleman, Daniel Mumford  
 Collier, John Burton  
 Collins, William Wortham  
 Comfort, George Lloyd, Jr.  
 Connolly, Leo Warren, II  
 Coy, Stephen Cady

Ramsey, N. J.  
 Rockville Centre, N. Y.  
 Maplewood, N. J.  
 Evanston, Ill.  
 Winnetka, Ill.  
 Summit, N. J.  
 Glen Cove, N. Y.  
 Rosemont, Pa.  
 Garden City, N. Y.  
 Brooklyn, N. Y.  
 Woodmere, N. Y.  
 Lynn, Mass.  
 Saltsburg, Pa.  
 Dundee, Ill.  
 Brooklyn, N. Y.  
 Mt. Vernon, N. Y.  
 Rochester, N. Y.  
 West Chester, Pa.  
 Cleveland, Ohio  
 Highland Park, Ill.  
 Alexandria, Va.  
 Evanston, Ill.  
 South Minneapolis, Minn.  
 Haddonfield, N. J.  
 San Francisco, Calif.  
 Portland, Maine  
 West Englewood, N. J.  
 New Orleans, La.  
 Washington, D. C.  
 Bound Brook, N. J.  
 Albany, N. Y.  
 New Rochelle, N. Y.  
 Loudonville, N. Y.  
 Buenos Aires, Argentina  
 New York, N. Y.  
 New York, N. Y.  
 Ferguson, Mo.  
 Youngstown, Ohio  
 Dallas, Texas  
 Pleasantville, N. Y.  
 Brookline, Mass.  
 Washington, D. C.

|                               |                             |
|-------------------------------|-----------------------------|
| Creelman, Roger Davis         | <i>Winchester, Mass.</i>    |
| Crone, John Thomas            | <i>Rochester, N. Y.</i>     |
| Cronkhite, John Morris        | <i>Seattle, Wash.</i>       |
| Crooks, Stanley Stillman      | <i>Cincinnati, Ohio</i>     |
| Crowell, Michael Gardner      | <i>Riverton, N. J.</i>      |
| Cruikshank, Burleigh, Jr.     | <i>Philadelphia, Pa.</i>    |
| Currie, Blair Crosby          | <i>Winchester, Mass.</i>    |
| Cutting, Richard Warren       | <i>Buffalo, N. Y.</i>       |
| Daggitt, James Culbertson     | <i>Benton Harbor, Mich.</i> |
| Damon, Dwight Hills           | <i>Amherst, Mass.</i>       |
| Davis, James Benjamin         | <i>Shaker Heights, Ohio</i> |
| DeCarolus, Laurence Francis   | <i>Northampton, Mass.</i>   |
| Dehlendorf, Robert Oliver, II | <i>Scarsdale, N. Y.</i>     |
| Dickhaut, Albert Henry, Jr.   | <i>Rochester, N. Y.</i>     |
| Dickinson, Nathaniel Rogers   | <i>Pleasantville, N. Y.</i> |
| Dillon, Robert Emmet, Jr.     | <i>Buffalo, N. Y.</i>       |
| Dresser, Raymond H., Jr.      | <i>Sturgis, Mich.</i>       |
| Dunn, Michael William         | <i>Minneapolis, Minn.</i>   |
| Eames, Edward Ashley, II      | <i>South Byfield, Mass.</i> |
| Earle, Richard Millar         | <i>Cohasset, Mass.</i>      |
| Edman, Silas Ward Gould       | <i>Pittsfield, Mass.</i>    |
| Edmonds, George Howard        | <i>Wyomissing, Pa.</i>      |
| Elsbree, John Langdon         | <i>Cooksburg, N. Y.</i>     |
| Espie, Stephen Bolz           | <i>Woodhaven, N. Y.</i>     |
| Evans, Harry William          | <i>North Hadley, Mass.</i>  |
| Evans, James Merrill          | <i>Cresson, Pa.</i>         |
| Evans, Leland Stanford, Jr.   | <i>Detroit, Mich.</i>       |
| Fadiman, Jonathan Rush        | <i>New York, N. Y.</i>      |
| Fenton, Barry Jay             | <i>New York, N. Y.</i>      |
| Finberg, Donald Richard       | <i>Waban, Mass.</i>         |
| Fingeret, Israel Avrum        | <i>Sewickley, Pa.</i>       |
| Fitterer, Dwight Wesley, Jr.  | <i>Havertown, Pa.</i>       |
| Floro, Francisco Rodrigues    | <i>Manila, Philippines</i>  |
| Foster, Byron Tanner          | <i>Lakewood, Ohio</i>       |
| Frack, William Arthur, Jr.    | <i>Easton, Pa.</i>          |
| Franzen, Neil Alan            | <i>Itasca, Ill.</i>         |
| Garrison, William Gird        | <i>Amherst, Mass.</i>       |
| Gates, George Hill            | <i>Middlefield, Conn.</i>   |
| Gerry, Harvey Spalding, Jr.   | <i>Scarsdale, N. Y.</i>     |
| Gibson, Norman Horne          | <i>Dearborn, Mich.</i>      |
| Gibson, Robert Hadley         | <i>Brattleboro, Vt.</i>     |
| Goodwin, Roger Farthing       | <i>Needham, Mass.</i>       |

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|-------------------------------|-----------------------------------|
| Gorbaty, Norman               | <i>Brooklyn, N. Y.</i>            |
| Gordon, John Franklin, Jr.    | <i>Birmingham, Mich.</i>          |
| Graaskamp, John William       | <i>Irvington, N. Y.</i>           |
| Graeber, Roy Alvin            | <i>Springfield Gardens, N. Y.</i> |
| Graham, Robert Insley         | <i>Claremont, N. H.</i>           |
| Gray, Richard Seith           | <i>Cleveland Heights, Ohio</i>    |
| Greene, Christopher Morrill   | <i>West Newton, Mass.</i>         |
| Greenough, William Bates, III | <i>Providence, R. I.</i>          |
| Greer, William James, II      | <i>Delmar, N. Y.</i>              |
| Hall, Howard Lowell           | <i>Madison, Wis.</i>              |
| Hall, Manson Phillips         | <i>West Newton, Mass.</i>         |
| Hamer, Myron Clifton, Jr.     | <i>West Roxbury, Mass.</i>        |
| Hampshire, Alan Curtis        | <i>Tiverton, R. I.</i>            |
| Harris, Robert Frank          | <i>Lansing, Mich.</i>             |
| Heeremans, James Harold       | <i>Leonia, N. J.</i>              |
| Heinrich, Lawrence William    | <i>Brighton, N. Y.</i>            |
| Helander, Robert Charles      | <i>Chicago, Ill.</i>              |
| Henderson, Thomas James       | <i>Winona, Minn.</i>              |
| Hendricks, Geoffrey           | <i>Marlboro, Vt.</i>              |
| Henry, George Lester          | <i>Wellesley Hills, Mass.</i>     |
| Hertz, Neil Hart              | <i>New York, N. Y.</i>            |
| Holcomb, John Burnett         | <i>Massena, N. Y.</i>             |
| Holland, John Charles         | <i>Bronxville, N. Y.</i>          |
| Horst, Edwin Albert           | <i>Amherst, Mass.</i>             |
| Humphries, John, 3rd          | <i>Jackson Heights, N. Y.</i>     |
| Iklé, Richard Adolph          | <i>Manhasset, N. Y.</i>           |
| Jacobson, Steven Miles        | <i>Brooklyn, N. Y.</i>            |
| Jenkins, Carle Frederick      | <i>East Orange, N. Y.</i>         |
| Johnson, Alan Potter          | <i>Amherst, Mass.</i>             |
| Johnson, Corbet Stephens, Jr. | <i>Waverly, N. Y.</i>             |
| Johnson, Michael Doel         | <i>New York, N. Y.</i>            |
| Jones, Peter Babcock          | <i>Summit, N. J.</i>              |
| Joyce, Thomas Harold, Jr.     | <i>Upper Montclair, N. J.</i>     |
| Justus, Bertram William       | <i>St. Louis, Mo.</i>             |
| Katra, Joseph Richard         | <i>Northampton, Mass.</i>         |
| Keeney, Russell Morton        | <i>Woodstock, Vt.</i>             |
| Keightley, David Noel         | <i>Evanston, Ill.</i>             |
| Kelly, Charles Arthur         | <i>Evanston, Ill.</i>             |
| Kenney, William Greer         | <i>Chagrin Falls, Ohio</i>        |
| Kibler, William Joel, III     | <i>Tonawanda, N. Y.</i>           |
| Kiely, Robert James           | <i>Larchmont, N. Y.</i>           |
| Kitchell, Webster Lardner     | <i>Newbury, Mass.</i>             |

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|--------------------------------|----------------------------------|
| Koch, Ronald Walter            | <i>Elizabeth, N. J.</i>          |
| Kruidenier, Peter              | <i>Wauke, Iowa</i>               |
| Kunz, John Benjamin            | <i>Alexandria, Pa.</i>           |
| LaBaer, Alvin Jackson          | <i>Rochester, N. Y.</i>          |
| Lally, Kenneth Richard         | <i>Holyoke, Mass.</i>            |
| Lambert, Charles Frederic, Jr. | <i>Prospect, Ky.</i>             |
| Lamberton, Richard Drake       | <i>Lake Forest, Ill.</i>         |
| Lameyer, Gordon Ames           | <i>Boston, Mass.</i>             |
| Landé, Arnold Julius           | <i>Columbus, Ohio</i>            |
| Lape, Robert Gould             | <i>Columbus, Ohio</i>            |
| Lea, Scott Carter              | <i>Haddonfield, N. J.</i>        |
| Leigh, Jonathan Weiller        | <i>Great Neck, N. Y.</i>         |
| Leinhardt, Walter Frank        | <i>Brooklyn, N. Y.</i>           |
| Lewis, Piers Ingersoll         | <i>St. Paul, Minn.</i>           |
| Linxweiler, Richard Carl       | <i>Dayton, Ohio</i>              |
| Littlefield, Herrick Briggs    | <i>Sargentville, Maine</i>       |
| Lockie, Tom                    | <i>Los Angeles, Calif.</i>       |
| Long, Hoyt Mills               | <i>Buffalo, N. Y.</i>            |
| McMullen, Dan Drewry           | <i>Short Hills, N. J.</i>        |
| McPhail, Robert Brown          | <i>New London, Conn.</i>         |
| Mahler, G. Vicary              | <i>Scarsdale, N. Y.</i>          |
| Mannheim, John Richard         | <i>Amherst, Mass.</i>            |
| Marshall, Roger                | <i>Sands Point, L. I., N. Y.</i> |
| Martin, William Mott           | <i>Pelham Manor, N. Y.</i>       |
| Mason, Robert Paige            | <i>Bethesda, Md.</i>             |
| Mesker, David Warren           | <i>Florissant, Mo.</i>           |
| Millard, William Luce          | <i>Shaker Heights, Ohio</i>      |
| Miller, Stephen Cornell        | <i>Short Hills, N. J.</i>        |
| Mitchell, John Taylor          | <i>Williamsville, N. Y.</i>      |
| Mitchell, Philip Herbert       | <i>North Amherst, Mass.</i>      |
| Moro, Thomas Russell           | <i>New York, N. Y.</i>           |
| Morse, Kingsley Gates          | <i>Pasadena, Calif.</i>          |
| Moss, Milton                   | <i>Philadelphia, Pa.</i>         |
| Mount, Richard Clair           | <i>Freehold, N. J.</i>           |
| Munroe, Robert Lee             | <i>Pittsburgh, Pa.</i>           |
| Munson, Alexander Lee          | <i>Port Washington, N. Y.</i>    |
| Murphy, George Arthur          | <i>Santa Paula, Calif.</i>       |
| Neale, Edwin Button            | <i>Scarsdale, N. Y.</i>          |
| Nikoi, Amon                    | <i>Gold Coast, B. W. A.</i>      |
| Oehlerts, Donald Ervin         | <i>Waterloo, Iowa</i>            |
| Ostrander, Donald Sessions     | <i>Farmington, Conn.</i>         |
| Paine, Stephen Curtiss         | <i>New York, N. Y.</i>           |



|                              |                             |
|------------------------------|-----------------------------|
| Palmer, Michael Charles      | <i>Pelham, N. Y.</i>        |
| Park, John Norwood           | <i>Philadelphia, Pa.</i>    |
| Pattison, Ian Chipman        | <i>Ridgewood, N. J.</i>     |
| Peck, William King           | <i>Lexington, Mass.</i>     |
| Peterson, Robert Gustave     | <i>Chagrin Falls, Ohio</i>  |
| Pratt, Herbert Lee, III      | <i>Phoenix, Ariz.</i>       |
| Pritchard, William H., Jr.   | <i>Johnson City, N. Y.</i>  |
| Prosnitz, Eugene Francis     | <i>New York, N. Y.</i>      |
| Putnam, Jack Sherman         | <i>Grosse Pointe, Mich.</i> |
| Ransom, Philip Walter, Jr.   | <i>Buffalo, N. Y.</i>       |
| Recklitis, Christopher Paul  | <i>Malden, Mass.</i>        |
| Reynolds, Charles Joseph     | <i>Springfield, Mass.</i>   |
| Rhodes, Rodman Dunbar        | <i>Des Moines, Iowa</i>     |
| Rothberg, John Charles       | <i>Plainfield, N. J.</i>    |
| Rounds, John Anthony         | <i>Great Neck, N. Y.</i>    |
| Rous, Stephen Norman         | <i>New York, N. Y.</i>      |
| Royce, Robert Stephen        | <i>New York, N. Y.</i>      |
| Rubicam, Harry Cogswell      | <i>Pelham Manor, N. Y.</i>  |
| Rugg, John VerNooy           | <i>Cortland, N. Y.</i>      |
| Rutledge, Paul Edmund, Jr.   | <i>Kirkwood, Mo.</i>        |
| Sacks, Robert D.             | <i>New York, N. Y.</i>      |
| Sarris, Nelson James         | <i>Amherst, Mass.</i>       |
| Sayres, William Gosnell      | <i>Syracuse, N. Y.</i>      |
| Schellenger, Charles William | <i>Berwyn, Pa.</i>          |
| Schleicher, Barret Towles    | <i>Forest Hills, N. Y.</i>  |
| Schmid, Clifford Allen       | <i>Webster Groves, Mo.</i>  |
| Schmidt, Paul Carl           | <i>Philadelphia, Pa.</i>    |
| Schrag, Peter                | <i>Elmhurst, N. Y.</i>      |
| Schwarzkopf, Walter Max      | <i>New York, N. Y.</i>      |
| Searles, John Randolph       | <i>Summit, N. J.</i>        |
| Sekula, Frank D. deRenard    | <i>White Plains, N. Y.</i>  |
| Shapiro, Bennett Irving      | <i>St. Louis, Mo.</i>       |
| Shelton, Napier              | <i>Washington, D. C.</i>    |
| Sheppard, Edson Peaslee, Jr. | <i>Danville, Ill.</i>       |
| Siggins, Charles George      | <i>Scarsdale, N. Y.</i>     |
| Simon, Donald Allen          | <i>Larchmont, N. Y.</i>     |
| Slawson, William David       | <i>Grand Rapids, Mich.</i>  |
| Slight, George, Jr.          | <i>Evanston, Ill.</i>       |
| Smeallie, James Arthur       | <i>Amsterdam, N. Y.</i>     |
| Smeeth, Conrad               | <i>Cos Cob, Conn.</i>       |
| Smith, Seward                | <i>Chevy Chase, Md.</i>     |
| Sowers, Anthony Edward       | <i>Pasadena, Calif.</i>     |



Spencer, Reid Canfield  
 Stern, Robert Lester  
 Strait, Charles McIver  
 Sutherland, Donald Wood  
 Swanston, Thomas Robinson  
 Swift, Richard Lawrence  
 Taft, Kingsley Arter, Jr.  
 Talmadge, Richard Edgar  
 Tenney, Albert William, Jr.  
 Terry, Marshall Northway, Jr.  
 Thomson, Donald Owen  
 Ting, Robert Chin Yao  
 Totten, James Ballard  
 Uhl, Herbert Harris  
 Van Hoesen, David Mynderse  
 Wakefield, Bernard Dick  
 Wallingford, David  
 Walls, Raymond Marcus, Jr.  
 Walter, Harold John, Jr.  
 Ward, Robert Theodore  
 Washburn, Thomas Campbell  
 Watson, Richard Emery  
 Weaver, Sterling LeRoy  
 Weber, Mark Stevens  
 Wedeen, Joseph Ira  
 Weinstein, Robert William  
 Weiss, Donald Joseph  
 Weist, William Godfrey, Jr.  
 Wells, John Foreman, Jr.  
 Wendoloski, Roger John  
 Wentz, Theodore Emory  
 West, Bradford Williams, Jr.  
 Wheeler, John Parks  
 White, John Gerald, Jr.  
 White, Somers Hayes  
 Wilkoff, Jerold Benjamin  
 Williams, Daniel Elias  
 Winship, Edward Newell, Jr.  
 Winslow, David Kenelm  
 Winterer, Philip Steele  
 Woodbridge, Thomas Middleton  
 Woodcock, Floyd Baylie

*Upper Montclair, N. J.*  
*Yonkers, N. Y.*  
*Upper Montclair, N. J.*  
*Merion, Pa.*  
*Hudson, Ohio*  
*North Amherst, Mass.*  
*Bexley, Ohio*  
*University City, Mo.*  
*Malden, Mass.*  
*Cincinnati, Ohio*  
*Westfield, N. J.*  
*Hong Kong, China*  
*Fanwood, N. J.*  
*Dongan Hills, S. I., N. Y.*  
*San Mateo, Calif.*  
*Kenmore, N. Y.*  
*Belmont, Mass.*  
*Bethlehem, Pa.*  
*Uxbridge, Mass.*  
*Newton Highlands, Mass.*  
*Denver, Colo.*  
*Wallingford, Conn.*  
*Rockville Centre, N. Y.*  
*Buffalo, N. Y.*  
*Brooklyn, N. Y.*  
*Holyoke, Mass.*  
*West Roxbury, Mass.*  
*Katonah, N. Y.*  
*Kew Gardens, L. I., N. Y.*  
*Hatfield, Mass.*  
*Pittsburgh, Pa.*  
*Ardmore, Pa.*  
*Anniston, Ala.*  
*Winnetka, Ill.*  
*Milwaukee, Wis.*  
*Pittsburgh, Pa.*  
*Waterville, N. Y.*  
*Winchester, Mass.*  
*Norfolk, Mass.*  
*Short Hills, N. J.*  
*Chesterfield, Mo.*  
*Bala-Cynwyd, Pa.*

|                                 |                             |
|---------------------------------|-----------------------------|
| Woodruff, Spofford              | <i>Barrington, R. I.</i>    |
| Woolman, Henry Newbold, III     | <i>Paoli, Pa.</i>           |
| Wurman, Franklin Arthur         | <i>Philadelphia, Pa.</i>    |
| Wurtzel, David Carl             | <i>Perth Amboy, N. J.</i>   |
| Wychgel, James Follansbee       | <i>Shaker Heights, Ohio</i> |
| Youngren, William Thomas Harvey | <i>Evanston, Ill.</i>       |
| Zalot, Joseph Edward            | <i>Hadley, Mass.</i>        |
| Zeller, Hubert Raymond, Jr.     | <i>Orange, Conn.</i>        |
| Zelt, Wray Grayson, III         | <i>Washington, Pa.</i>      |

STUDENTS NOT ENROLLED AS CANDIDATES  
FOR A DEGREE

|                               |                              |
|-------------------------------|------------------------------|
| Allen, Leland Christy, Jr.    | <i>Amherst, Mass.</i>        |
| Astier, Pierre Georges        | <i>Paris, France</i>         |
| Bauer, Rudolf Wilhelm         | <i>Rothenburg, Germany</i>   |
| Chapot, Jean Fernand          | <i>Paris, France</i>         |
| Daniere, André Lucien         | <i>Saint-Fons, France</i>    |
| Fitzpatrick, Mary Alice       | <i>Shutesbury, Mass.</i>     |
| Russell, Francis Edward       | <i>Queens Village, N. Y.</i> |
| Schulenburg, Friedrich Werner | <i>Beethovenst, Germany</i>  |
| Thomas, François Marie        | <i>Paris, France</i>         |

## SUMMARY OF ENROLLMENT

|  |      |
|--|------|
| Fellows .....  | 22   |
| Graduate Students .....                                | 22   |
| Seniors .....  | 391  |
| Juniors .....  | 247  |
| Sophomores .....                                       | 286  |
| Freshmen .....   | 265  |
| Students Not Enrolled as Candidates for a Degree ..... | 9    |
| <hr/>  |      |
| Total .....  | 1242 |

## CLASSIFICATION OF UNDERGRADUATES BY RESIDENCE

|                           |     |                          |      |
|---------------------------|-----|--------------------------|------|
| New York .....            | 287 | Kentucky .....           | 2    |
| Massachusetts .....       | 209 | Louisiana .....          | 2    |
| New Jersey .....          | 111 | Oklahoma .....           | 2    |
| Pennsylvania .....        | 107 | Oregon .....             | 2    |
| Connecticut .....         | 81  | South Carolina .....     | 2    |
| Ohio .....                | 75  | Virginia .....           | 2    |
| Illinois .....            | 60  | Alabama .....            | 1    |
| Missouri .....            | 35  | Georgia .....            | 1    |
| Rhode Island .....        | 30  | Kansas .....             | 1    |
| Michigan .....            | 29  | Tennessee .....          | 1    |
| California .....          | 16  | Canada .....             | 3    |
| Minnesota .....           | 16  | China .....              | 3    |
| District of Columbia .... | 14  | Hawaii .....             | 2    |
| Maryland .....            | 14  | Alaska .....             | 1    |
| New Hampshire .....       | 12  | Argentina .....          | 1    |
| Wisconsin .....           | 9   | Brazil .....             | 1    |
| Indiana .....             | 8   | British West Africa .... | 1    |
| Maine .....               | 8   | Burma .....              | 1    |
| Vermont .....             | 7   | Canal Zone .....         | 1    |
| Colorado .....            | 5   | France .....             | 1    |
| Delaware .....            | 4   | Japan .....              | 1    |
| Iowa .....                | 4   | Korea .....              | 1    |
| Washington .....          | 4   | Philippines .....        | 1    |
| Florida .....             | 3   | Puerto Rico .....        | 1    |
| Texas .....               | 3   | Uruguay .....            | 1    |
| Arizona .....             | 2   | <hr/>                    |      |
| Total .....               |     |                          | 1189 |



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V

*The Alumni Associations*

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# Alumni Associations

## THE SOCIETY OF THE ALUMNI

(Annual Meeting in Commencement Week)

|   |   |
|---|---|
| <i>Honorary President:</i>                    | EDWIN ST. J. WARD, '00  |
| <i>President:</i>                             | ARTHUR F. ELLS, '02   |
| <i>Vice Presidents:</i>                       | JOHN B. O'BRIEN, '05<br>C. LAWRENCE MÜNCH, '15<br>EDWARD B. WRIGHT, '20<br>WILLIAM H. HASTIE, '25<br>H. HOFFMAN GROSKLOSS, '30      |
| <i>Secretary-Treasurer:</i>                   | J. ALFRED GUEST, '33  |
| <i>Nominating Committee:</i>                  | ALVAH E. DAVISON, '20, Chairman<br>JOHN C. WIGHT, '10<br>WARREN WEBSTER, JR., '25<br>EDWARD T. POST, '30<br>LEONARD K. GUILER, '35  |
| <i>Inspectors of Election:</i>                | GEORGE B. BURNETT, '10, Chairman<br>MINER W. TUTTLE, '13<br>ROY R. BLAIR, '18   |
| <i>Committee to Nominate Alumni Trustees:</i> | KINGSLEY A. TAFT, '25, Chairman<br>HUGH H. C. WEED, '05<br>WINFIELD W. RIEFLER, '19<br>RICHARD H. PLOCK, '30<br>PHILIP W. ORTH, '40 |

## THE ALUMNI COUNCIL OF AMHERST COLLEGE

*Chairman:* ARTHUR F. ELLS, '02

*Secretary:* J. ALFRED GUEST, '33

*Executive Committee:*

F. MARSENA BUTTS, '09, Chairman

ARTHUR F. ELLS, '02

LEONARD P. MOORE, '19

OLIVER B. MERRILL, '25

ROBERT W. WILSON, '30

CHARLES R. DENNY, '33

KENDALL B. DEBEVOISE, '35

## REPRESENTATIVES OF CLASSES

|      |                     |      |                            |
|------|---------------------|------|----------------------------|
| 1880 | FRANK W. BLAIR      | 1918 | JOSEPH E. PARTENHEIMER     |
| 1884 | WALTER F. WILLCOX   | 1919 | WALTER V. D. BAYER         |
| 1885 | SHERROD SOULE       | 1920 | JOSHUA M. HOLMES, JR.      |
| 1888 | ALBERT S. BARD      | 1921 | L. SUMNER PRUYNE           |
| 1889 | EDWARD FAIRBANK     | 1922 | STUART C. FRAZIER          |
| 1890 | EDWIN S. HUNT       | 1923 | JOHN D. JILLSON            |
| 1891 | ROBERT S. WOODWORTH | 1924 | FRANK E. BUTTON            |
| 1892 | ALLAN P. BALL       | 1925 | OLIVER B. MERRILL          |
| 1893 | EDWARD S. HAWES     | 1926 | JOHN H. MCBRIDE            |
| 1894 | GEORGE F. FISKE     | 1927 | KENNETH P. HIGGINS         |
| 1895 | WALTER C. SEELYE    | 1928 | WILLS T. ENGLE             |
| 1896 | WILLIAM D. STIGER   | 1929 | HALSTEAD C. LING           |
| 1897 | ROBERT S. FLETCHER  | 1930 | STEPHEN W. GRANT           |
| 1898 | C. BOARDMAN TYLER   | 1931 | FREDERICK H. ALLEN         |
| 1899 | WILLIAM J. NEWLIN   | 1932 | WILLIAM H. RAYE, JR.       |
| 1900 | ROBERT L. GRANT     | 1933 | ALBERT D. SPICER           |
| 1901 | LOUIS N. GRANT      | 1934 | SANFORD KEEDY              |
| 1902 | FREDERICK B. CROSS  | 1935 | RICHARD KING               |
| 1903 | GEORGE N. PATRICK   | 1936 | GEORGE E. MCPHERSON, JR.   |
| 1904 | CHESTER A. PORTER   | 1937 | JAMES P. WILKERSON         |
| 1905 | JOHN J. RAFTERY     | 1938 | HARRY F. JONES, JR.        |
| 1906 | MORTON SNYDER       | 1939 | MALCOLM STEARNS, JR.       |
| 1907 | ROSWELL G. BILLINGS | 1940 | JAMES T. HOUGHTON, JR.     |
| 1908 | GEORGE BURNS        | 1941 | ROBERT INGRAHAM, JR.       |
| 1909 | CHARLES U. HATCH    | 1942 | H. ALEXANDER McDONALD, JR. |
| 1910 | GEORGE F. WHICHER   | 1943 | ROBERT C. MCADOO           |
| 1911 | EDMUND S. WHITTEN   | 1944 | HENRY F. DUNBAR, JR.       |
| 1912 | C. FRANCIS BEATTY   | 1945 | ROBERT A. FINSTHWAIT       |
| 1913 | JOHN H. MITCHELL    | 1946 | GEORGE E. BUSHNELL, JR.    |
| 1914 | CHARLES W. WILLIAMS | 1947 | ANTHONY J. MATUSZKO        |
| 1915 | WILLIAM G. THAYER   | 1948 | WALLACE RUBIN              |
| 1916 | LEO N. SHAW         | 1949 | KIRK MUNROE                |
| 1917 | CHARLES J. JESSUP   |      |                            |

## REPRESENTATIVES OF ALUMNI ASSOCIATIONS

|                          |                             |
|--------------------------|-----------------------------|
| Amherst Club of New York | HAROLD J. BAILY, '08        |
| Amherst Club of New York | LOWELL SHUMWAY, '14         |
| Boston                   | ROBERT E. GIESE, '36        |
| Boston                   | HAROLD B. CRANSHAW, '11     |
| Buffalo                  | NELSON STONE, '13           |
| Central Massachusetts    | ROBERT K. MASSEY, '37       |
| Central New York         | FREDERICK P. SMITH, '08     |
| Chicago                  | FRANK A. WATKINS, '96       |
| Cleveland                | MERRILL H. BOYNTON, '16     |
| The Columbia             | COLIN LIVINGSTON, '14       |
| Columbus                 | T. CLARENCE HEISEY, '08     |
| Connecticut              | MATHER H. NEILL, '40        |
| Connecticut Valley       | THOMAS F. WHITBREAD, '30    |
| Northeastern New York    | ALFRED C. HAVEN, '18        |
| Indiana                  | FREDERIC M. HADLEY, '28     |
| Michigan                 | ROBERT H. FLINT, '34        |
| Northern California      | NED R. POWLEY, '08          |
| Northwest                | JOSEPH R. KINGMAN, JR., '24 |
| Philadelphia             | JAMES M. SELBY, '37         |
| Rhode Island             | MAURICE STEARNS, '02        |
| Rochester                | GEORGE L. CADIGAN, '33      |
| Rocky Mountain           | ROBERT S. MCCOLLUM, '38     |
| St. Louis                | WILLS T. ENGLE, '28         |
| Southeast                | RAYMOND P. WHEELER, '10     |
| Southern California      | FREDERICK S. BALE, '06      |
| Washington, D. C.        | ROBERT W. WILSON, '30       |
| Washington State         | STUART C. FRAZIER, '22      |
| Western Pennsylvania     | FRANK H. HUNTER, '24        |
| Wisconsin                | HARTLEY JOYS, '39           |

## MEMBERS AT LARGE

|                       |                         |
|-----------------------|-------------------------|
| ARTHUR F. ELLS, '02   | JOHN A. HILL, '25       |
| F. MARSENA BUTTS, '09 | ROBERT W. WILSON, '30   |
| ROBERT J. DAVIS, '19  | CHARLES R. DENNY, '33   |
| LEONARD P. MOORE, '19 | JAMES P. WILKERSON, '37 |
| C. E. HOOPER, '21     | RICHARD W. POOR, '38    |

KENDALL B. DEBEVOISE, '35

## Eastern and Southern Associations

### THE ASSOCIATION OF BOSTON AND VICINITY

GUILBERT Q. WALES, *President*

493 C St., Boston 10

ROBERT J. HILL, *Secretary*

50 Congress St., Boston 9

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JOHN JEPSON, *Secretary*

45 Metcalf St., Worcester 5

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45 Crescent Rd., Longmeadow

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34 Pineywoods Ave., Springfield

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BENJAMIN P. TERRY, *Secretary*

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RANDALL H. YOUNG, *President*

166 Arlington Ave., Providence

EDWIN H. HASTINGS, *Secretary*

1030 Hospital Trust Bldg., Providence

### THE AMHERST CLUB OF NEW YORK

Hotel George Washington, 23 Lexington Avenue

DOUGLAS MCGEORGE, *President*

119 Ashwood Ave., Summit, N. J.

JOHN H. WASHBURN, *Secretary*

Home Insurance Co., 59 Maiden Lane, New York, N. Y.

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DONALD MACHARG, *Secretary*

11 South Lake Ave., Albany

### THE ASSOCIATION OF CENTRAL NEW YORK

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WILLIAM H. GREENE, *Secretary*

308 Brookford Rd., Syracuse

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121 Walton Ave., Buffalo

ARNOLD OLENA, *Secretary*

Manufacturers & Traders Building, Buffalo

## THE ASSOCIATION OF ROCHESTER AND VICINITY

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 DAVID N. TUFTS, *Secretary* 1223 East Main St., Rochester

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 RANDOLPH GILMAN, *Secretary* 1528 Walnut St., Philadelphia

## THE ASSOCIATION OF WESTERN PENNSYLVANIA

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 WILBURN C. CAMPBELL, *Secretary* 4729 Ellsworth Ave., Pittsburgh 13

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 ROBERT F. PACKARD, *Secretary* 5718-9th Rd., N., Arlington, Va.

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 MACGREGOR FLANDERS, *Secretary*  
 Beechwood Rd., N.W., Rte. 10, Atlanta, Georgia

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 ROBERT E. BINGHAM, *Secretary* 1122 Guardian Bldg., Cleveland 20

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 American Education Press, 400 South Front Street, Columbus  
 HAROLD R. NELSON, *Secretary* Battelle Memorial Institute, Columbus

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 DENNETT F. HOWE, *Secretary*  
 The Procter & Gamble Co., M A & R Bldg., Ivorydale, Cincinnati 17

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 EDWARD W. HARRIS, *Secretary* 5242 Boulevard Pl., Indianapolis



## THE ASSOCIATION OF MICHIGAN

DONALD A. WALKER, *President**Detroit Free Press*, DetroitROBERT BARIT, *Secretary*

1000 Kensington Rd., Grosse Pointe Park 30

## THE AMHERST CLUB OF CHICAGO

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21 East Van Buren St., Chicago 5

LESLIE H. KERR, JR., *Secretary*

175 West Jackson Blvd., Chicago

## THE ASSOCIATION OF WISCONSIN

PHILIP W. ORTH, *President*

9708 No. Lake Dr., Milwaukee

ALBERT F. HOUGHTON, *Secretary*

4520 No. 27th St., Milwaukee

## THE ASSOCIATION OF ST. LOUIS

HENRY N. MCCLUNEY, *President*

8 Berkeley Lane, Clayton 5

JAMES C. TAYLOR, *Secretary*

3745 Lindell St., St. Louis 8

## THE ASSOCIATION OF THE NORTHWEST

WARD H. PATTON, JR., *Secretary*

5444 Oliver Ave., Minneapolis

## ROCKY MOUNTAIN ASSOCIATION

DAVE C. BOLE, *President*

2500 S. Sheridan, Lake Ridge

ROBERT S. MCCOLLUM, *Secretary*

The Auto Equipment Co., 14th and Lawrence Sts., Denver

## THE ASSOCIATION OF SOUTHERN CALIFORNIA

ROBERT WELLES, *President*

204 E. Mendocino St., Altadena

FREDERIC A. STOTT, *Secretary*

A. J. &amp; J. R. Cook Co., 1220 Maple Ave., Los Angeles

## THE ASSOCIATION OF NORTHERN CALIFORNIA

H. HARRISON FULLER, *President*

808 Eucalyptus Drive, Burlingame

C. SELBY MASON, *Secretary*

140 New Montgomery St., San Francisco

## THE ASSOCIATION OF WASHINGTON

WELLES R. WILEY, *President*

3533 46th Ave., N.E., Seattle 5

GORDON SPENS, *Secretary*

Box 239, Mercer Island

## THE ASSOCIATION OF THE COLUMBIA

JAMES S. HART, *President*

2744 S. W. Upper Dr., Portland

PETER R. SMITH, *Secretary*

12300 S.W., Tyron Hill Rd., Portland 1



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*Appendices*

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# Appendix I

## AMHERST COLLEGE

The corporate name of the institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

A list of the Presidents of the College, with their terms of service, follows:

|   |           |
|---|-----------|
| REV. ZEPHANIAH SWIFT MOORE, D.D.....            | 1821-1823 |
| REV. HEMAN HUMPHREY, D.D.....                   | 1823-1845 |
| REV. EDWARD HITCHCOCK, D.D., LL.D.....          | 1845-1854 |
| REV. WILLIAM AUGUSTUS STEARNS, D.D., LL.D.....  | 1854-1876 |
| REV. JULIUS HAWLEY SEELYE, D.D., LL.D.....      | 1876-1890 |
| MERRILL EDWARDS GATES, PH.D., LL.D., L.H.D..... | 1890-1899 |
| REV. GEORGE HARRIS, D.D., LL.D.....             | 1899-1912 |
| ALEXANDER MEIKLEJOHN, PH.D., LL.D.....          | 1912-1924 |
| GEORGE DANIEL OLDS, LL.D.....                   | 1924-1927 |
| ARTHUR STANLEY PEASE, PH.D., LL.D.....          | 1927-1932 |
| STANLEY KING, LL.D.....                         | 1932-1946 |
| CHARLES WOOLSEY COLE, PH.D., L.H.D., LL.D.....  | 1946-     |

## Appendix II

### SCHOLARSHIP FUNDS

The following is a list of the Scholarship Funds of the College, aggregating about \$1,280,000, the income of which or part thereof is available for Scholarships and other forms of Student Aid.

|  |             |
|--|-------------|
| Adams Benevolent Fund.....                   | \$ 6,082.85 |
| Frederick S. Allis Scholarship Fund.....     | 4,065.00    |
| The Anderson Scholarship.....                | 1,870.00    |
| Frank L. Babbott.....                        | 10,000.00   |
| Lydia Richardson Babbott Endowment Fund..... | 50,000.00   |
| Danforth Keyes Bangs.....                    | 4,000.00    |
| Edmund P. and Susan Marvin Barker.....       | 8,107.06    |
| Ivory H. Bartlett.....                       | 5,000.00    |
| Albion F. Bemis.....                         | 2,000.00    |
| Dolly Coleman Blake.....                     | 1,000.00    |
| The Borden Scholarship.....                  | 1,870.00    |
| William Louis Bray, Class of 1858.....       | 100.00      |
| Alexander H. Bullock.....                    | 1,500.00    |
| The Stephen Butts Memorial.....              | 4,300.00    |
| John A. Callahan.....                        | 7,670.00    |
| Joseph Carew.....                            | 1,046.40    |
| George Bradley Carter 1906.....              | 2,000.00    |
| Centennial Gift, a part of.....              | 123,400.00  |
| The Charitable Fund.....                     | 118,651.99  |
| Edwin Clapp.....                             | 4,625.00    |
| Jefferson Clark.....                         | 10,000.00   |
| The Louis F. Clark Scholarship Fund.....     | 10,000.00   |

#### Class Gifts:

|           |           |
|-----------|-----------|
| 1826..... | \$ 500.00 |
| 1831..... | 1,255.00  |
| 1836..... | 1,250.00  |
| 1839..... | 1,200.00  |
| 1844..... | 500.00    |
| 1845..... | 1,000.00  |
| 1846..... | 1,000.00  |
| 1849..... | 1,000.00  |
| 1850..... | 1,230.00  |
| 1852..... | 1,000.00  |

|  |             |
|--|-------------|
| 1853 .....   | \$ 1,500.00 |
| 1855 .....   | 1,121.83    |
| 1856 .....   | 1,000.00    |
| 1857 .....   | 1,500.00    |
| 1858 .....   | 1,250.09    |
| 1859 .....   | 2,650.00    |
| 1860 .....   | 3,000.00    |
| 1861 .....   | 3,000.00    |
| 1865 .....   | 1,008.31    |
| 1869 .....   | 1,670.76    |
| 1871 .....   | 2,186.11    |
| 1877 .....   | 2,500.00    |
| 1880 .....   | 3,038.96    |
| 1897 .....   | 5,000.00    |
| E. C. Converse.....  | 50,000.00   |
| Composite-Classes of 1829-35-38-66-67-70.....                          | 1,262.28    |
| George Cook.....   | 1,050.00    |
| William Lyman Cowles, Class of 1878.....                               | 3,000.00    |
| Miner D. Crary Scholarship.....  | 12,112.50   |
| William Cutler and Harriette Gilbert Cutler Memorial Scholarship ..... | 15,520.00   |
| Day Benevolent Fund.....   | 5,000.00    |
| Enos Dickinson .....   | 1,258.33    |
| Sidney and Hannah Dillon.....  | 5,000.00    |
| Dodge Fund.....  | 4,841.38    |
| Warren F. Draper .....   | 2,490.42    |
| The Lucius R. Eastman Fund.....  | 10,000.00   |
| James M. Ellis.....  | 5,056.11    |
| Isaac D. Farnsworth.....   | 3,000.00    |
| The Thos. P. Field Scholarship Fund.....                               | 10,000.00   |
| Fiske-Warren Scholarships.....   | 2,787.44    |
| Emerson Gaylord.....   | 6,000.00    |
| Henry Hill Goodell, Class of 1862.....                                 | 2,000.00    |
| Harry P. Greeley Scholarship Fund.....                                 | 15,256.06   |
| The Greene Scholarship.....  | 1,000.00    |
| Henry Gridley, Class of 1862.....                                      | 2,060.49    |
| Thomas Hale.....   | 1,000.00    |
| George A. Hall.....  | 5,000.00    |
| William Hilton.....  | 50,000.00   |
| The Hitchcock Scholarship Endowment.....                               | 11,270.00   |
| George Frisbie Hoar.....   | 1,000.00    |

|   |              |
|---|--------------|
| Clarissa Dodge Howard.....                      | \$ 10,000.00 |
| John Montgomery Hunter .....                    | 26,078.14    |
| Mary W. Hyde.....                               | 1,000.00     |
| Sarah B. Hyde.....                              | 1,000.00     |
| A. J. Johnson, Class of 1823.....               | 1,046.40     |
| John C. Kimball.....                            | 1,000.00     |
| Eugene Kimball.....                             | 2,000.00     |
| Henry A. King, Class of 1873.....               | 5,000.00     |
| Robert Murray Landis 1894 Scholarship Fund..... | 13,344.48    |
| Lucius J. Knowles.....                          | 3,000.00     |
| Henry Lobdell.....                              | 2,000.00     |
| Charlotte Procknow McClelland.....              | 500.00       |
| Charles Merriam .....                           | 2,415.00     |
| Charles Morton Merrill.....                     | 100,000.00   |
| J. C. B. Miller, Class of 1869.....             | 1,000.00     |
| Moore Beneficiary Fund.....                     | 33,595.01    |
| Anson Daniel Morse Memorial.....                | 2,500.00     |
| Charles L. Morse.....                           | 2,000.00     |
| Charles Fitch Morse.....                        | 225.00       |
| Harold Ely Morse Memorial.....                  | 2,500.00     |
| John C. Newton.....                             | 1,230.00     |
| James H. Newton.....                            | 1,000.00     |
| La Verne Noyes Foundation.....                  | 3,030.00     |
| Edward H. Perkins, Jr.....                      | 5,000.00     |
| The Persian Scholarship.....                    | 2,082.85     |
| C. W. and E. B. Pierce Scholarship.....         | 5,000.00     |
| The George D. Pratt Scholarship.....            | 5,737.50     |
| Infirmity Aid Fund.....                         | 2,100.00     |
| President's Loan Fund.....                      | 10,000.00    |
| The Reed Scholarships.....                      | 2,500.00     |
| George Milton Reed.....                         | 5,056.11     |
| Emily B. Ripley.....                            | 1,000.00     |
| S. Robinson.....                                | 3,000.00     |
| E. Russell.....                                 | 8,000.00     |
| Lowell Russell.....                             | 1,041.43     |
| John E. Sanford, Class of 1851.....             | 10,000.00    |
| James S. Seymour.....                           | 5,000.00     |
| Harry deForest Smith Scholarship .....          | 1,001.94     |
| Isaac F. Smith Student Loan Fund .....          | 5,980.00     |
| Special 1901 Endowment Fund.....                | 25,000.00    |
| Wells Southworth, Class of 1822.....            | 1,280.00     |
| The Harold Parker Stevens Fund.....             | 32,963.72    |



|   |              |
|---|--------------|
| Caleb Stimson.....                        | \$ 19,900.00 |
| Stone Educational Fund.....               | 25,000.00    |
| The Frederic M. Stone Scholarship.....    | 4,924.17     |
| Harlan F. Stone Memorial Scholarship..... | 4,500.00     |
| Henry E. Storrs.....                      | 5,000.00     |
| Charles Snow Thayer Scholarship.....      | 1,000.00     |
| L. H. Thayer.....                         | 5,000.00     |
| Elizabeth W. McCormick Tucker.....        | 1,000.00     |
| Quincy Tufts.....                         | 2,000.00     |
| Sarah Tuttle.....                         | 1,041.43     |
| W. S. Tyler, Class of 1830.....           | 1,000.00     |
| George H. Watson Memorial.....            | 62,705.79    |
| Edwin P. Wells.....                       | 32,295.43    |
| The Whitcomb Scholarship.....             | 12,000.00    |
| Herbert Otis White.....                   | 12,000.00    |
| Whitehall Foundation, Inc.....            | 1,000.00     |
| The Elmer W. Wiggins Fund.....            | 92,668.00    |
| Harry Wilbur.....                         | 5,000.00     |
| Henry Lawrence Wilkinson Memorial.....    | 5,000.00     |
| The Williams Scholarship.....             | 257.80       |
| David Winslow.....                        | 170.26       |
| The Worcester Scholarship.....            | 5,000.00     |

# Index

- Administration 29
  - Attendance 29
  - Health 30
  - Occupational guidance 31
  - Records and reports 30
  - Rooms and board 30
  - Student discipline 29
  - Terms and vacations 29
- Admission 25
  - Application for 25
  - Cooperative M.I.T. program 27
  - Examinations 26
  - From other colleges 27
  - Interview hours 25
  - Regents examinations 27
- Alumni Associations 169
  - Eastern and southern 174
  - Central and far western 175
- Alumni Council 171
  - Association representatives 173
  - Class representatives 172
  - Members at large 172
- American Studies 45
- Amherst—A Liberal College 19
- Amherst College Library 17
- Amherst curriculum 42
- Amherst, residents of 36
- Appendices 177
- Application fee 33
- Assistants 14
- Associate 14
- Astronomy 48
- Attendance 29
  
- Bachelor of Arts 37
- Beneficiary aid 35
- Bills, payment of 33
- Biology 49
- Board 30
- Bond Fifteen 111
  
- Calendar 4
- Chemistry 51
- Classics 53
- College Board tests 26
- College calendar 5
- Committees of the corporation 8
- Committees of the faculty 14
- Comprehensive fee 33
- Contents 3
- Cooperative M.I.T. program 27
- Corporation of the College 7
- Course descriptions 43
  - American Studies 45
  - Astronomy 48
  - Biology 49
  - Chemistry 51
  - Classics 53
  - Dramatic Arts 56
  - Economics 57
  - Education 61
  - English 61
  - Fine Arts 64
  - French 66
  - Geology 69
  - German 72
  - Greek 54
  - History 75
  - Humanities 79
  - Italian 80
  - Latin 55
  - Legal Studies 80
  - Mathematics 82
  - Music 83
  - Philosophy 86
  - Physical Education 89
  - Physics 89
  - Political Science 92
  - Psychology 96
  - Public Speaking 97
  - Religion 98

- Russian 100
- Science 101
- Spanish 102
- Curriculum, the Amherst 42
- Degree fee 34
- Degrees
  - Bachelor of Arts 37
  - Conferred, 1949, 127
  - Honorary 133
  - Master of Arts 37
  - With honors 41
- Discipline 29
- Dormitory rooms 30
- Dramatic Arts 56
- Economics 57
- Education 61
- English 61
- Enrollment 135
  - Summary of 167
- Expenses 33
- Faculty 10
- Faculty committees 14
- Fees 33
- Fellows 15
- Fellowships 112
- Fine Arts 64
- Folger Shakespeare Library 21
  - Officers 22
- French 66
- General information 23
- Geology 69
- German 72
- Greek 54
- Guarantee deposit 33
- Health 30
- Health fee 33
- History 75
- Hitchcock Memorial Room 17
- Honorary degrees 133
- Honors 110
  - Bond Fifteen 111
  - Degree with 41
  - Phi Beta Kappa 110
- Humanities 79
- Instruction, courses of 43
- Intercollegiate athletics fee 33
- Italian 80
- Kirby Memorial Theatre 18
- Language requirements 40
- Latin 55
- Lectureships 109
- Legal Studies 80
- Loan funds 36
- M.I.T. cooperative program 27
- Master of Arts 37
- Mathematics 82
- Medal for Eminent Service 133
- Medical care 30
- Museum of Fine Arts 18
- Music 83
- Natural History Museum 17
- Occupational guidance 31
- Officers of administration 9
- Payment of bills 33
- Phi Beta Kappa 110
- Philosophy 86
- Physical Education 89
- Physics 89
- Political Science 92
- Presidents of Amherst 179

- Prizes and awards 117  
Admission 124  
Art 117  
Astronomy 120  
Biology 117  
Chemistry 117  
Citizenship 123  
Dramatics 118  
English 118  
Geology 117  
Greek 119  
Journalism 119  
Latin 119  
Mathematics 120  
Medicine 117  
Miscellaneous 126  
Philosophy 121  
Physical Education 121  
Physics 120  
Political Science 122  
Public Speaking 122  
Religion 121  
Scholarship 123  
Psychology 96  
Public Speaking 97  
Records and reports 30  
Regents examinations 27  
Religion 98  
Requirements for degrees 37  
Residents of Amherst 36  
Rooms 30  
Russian 100  
Scholarships 35  
Scholarship funds 35, 180  
Scholarship prizes 123  
Science 101  
Snell Museum of Physics 17  
Society of the Alumni 171  
Spanish 102  
Student activities fee 34  
Student discipline 29  
Student loan funds 36  
Summary of enrollment 167  
Summary of expenses 34  
Terms and vacations 29  
Transfer students 27  
Trustees 7  
Tuition and fees 33  
Residents of Amherst 36  
Vacations 5, 29







# AMHERST COLLEGE

DRAWN BY R.B.G. JANUARY 1941

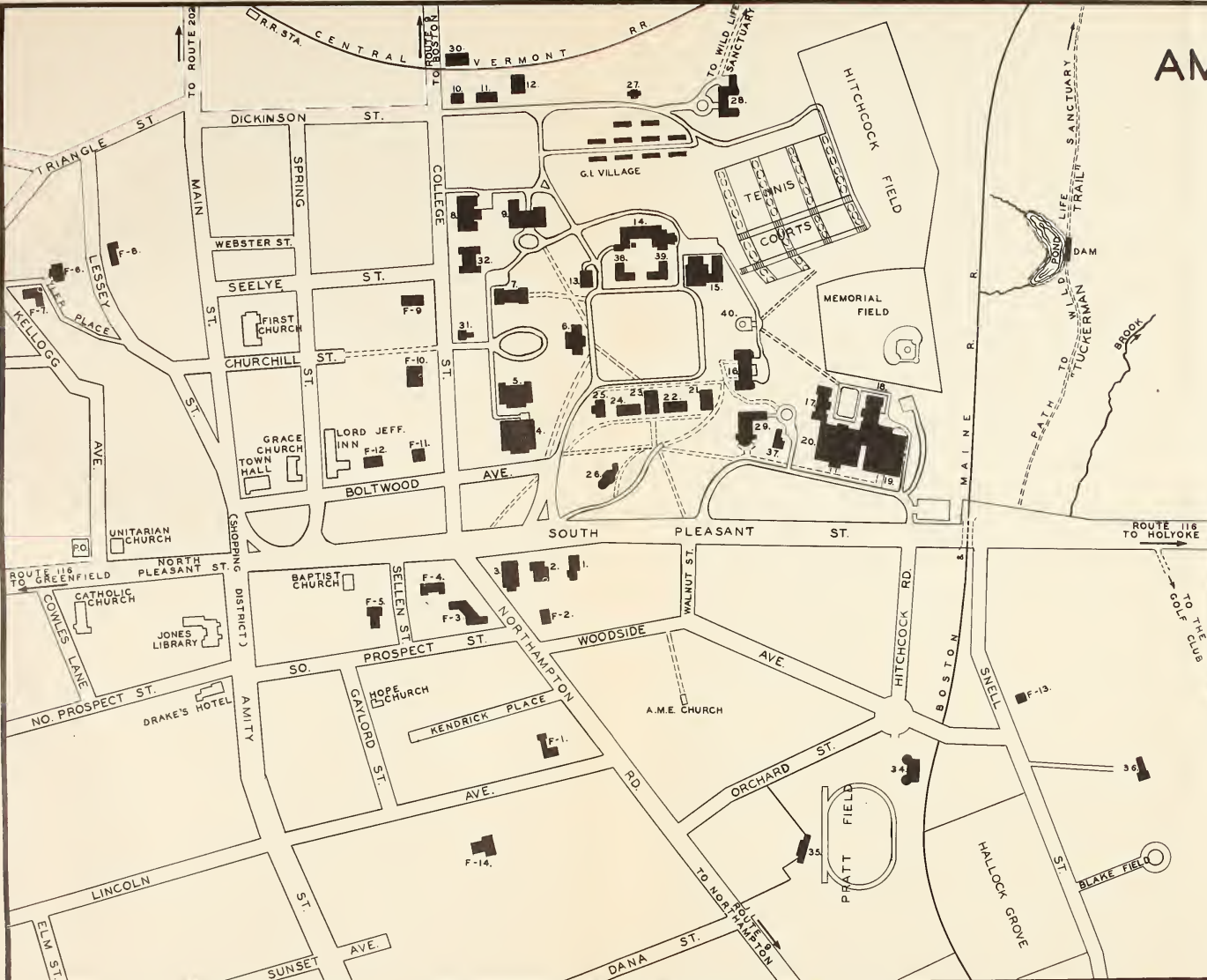
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REVISED 1949  
SCALE IN FEET

## INDEX TO CAMPUS BUILDINGS

|       |                                    |
|-------|------------------------------------|
| NO. 1 | THE PRESIDENT'S HOUSE              |
| 2     | MORGAN HALL                        |
| 3     | COLLEGE HALL                       |
| 4     | CONVERSE LIBRARY                   |
| 5     | PRATT HALL                         |
| 6     | WALKER HALL                        |
| 7     | MORROW HALL                        |
| 8     | MOORE LABORATORY OF CHEMISTRY      |
| 9     | FAYERWEATHER LABORATORY OF PHYSICS |
| 10    | COLLEGE GARAGE                     |
| 11    | SERVICE BUILDING                   |
| 12    | CENTRAL HEATING PLANT              |
| 13    | BARRETT HALL                       |
| 14    | MEAD ART BUILDING                  |
| 15    | PRATT MUSEUM                       |
| 16    | BIOLOGY LABORATORY                 |
| 17    | DAVENPORT SQUASH COURTS            |
| 18    | HAROLD L. PRATT POOL               |
| 19    | INDOOR ATHLETIC FIELD              |
| 20    | ALUMNI GYMNASIUM                   |
| 21    | APPLETON HALL                      |
| 22    | SOUTH COLLEGE                      |
| 23    | JOHNSON CHAPEL                     |
| 24    | NORTH COLLEGE                      |
| 25    | WILLISTON HALL                     |
| 26    | OCTAGON                            |
| 27    | LITTLE RED SCHOOLHOUSE             |
| 28    | INFIRMARY                          |
| 29    | KIRBY THEATER                      |
| 30    | HILLS STORE HOUSE                  |
| 31    | GROSVENOR HOUSE                    |
| 32    | VALENTINE HALL                     |
| 33    |                                    |
| 34    | PRATT FIELD HOUSE                  |
| 35    | VISITOR'S HOUSE                    |
| 36    | OBSERVATORY                        |
| 37    | FACULTY CLUB                       |
| 38    | JAMES HALL                         |
| 39    | STEARNS HALL                       |
| 40    | WAR MEMORIAL                       |

## FRATERNITIES

|      |                     |
|------|---------------------|
| F-1  | THETA DELTA CHI     |
| F-2  | PHI DELTA THETA     |
| F-3  | CHI PSI             |
| F-4  | PSI UPSILON         |
| F-5  | ALPHA DELTA PHI     |
| F-6  | DELTA KAPPA EPSILON |
| F-7  | KAPPA THETA         |
| F-8  | PHI GAMMA DELTA     |
| F-9  | PHI ALPHA PSI       |
| F-10 | CHI PHI             |
| F-11 | BETA THETA PI       |
| F-12 | DELTA UPSILON       |
| F-13 | THETA XI            |
| F-14 | LORD JEFF CLUB      |







$$44 = 16$$

$$53 \quad 15$$

$$13 \quad \begin{array}{r} 21 \\ \hline 52 \end{array}$$